The KEWAUNEE BOOK

of

Laboratory Vocational Home Economics Furniture

SCIENTIFIC EQUIPMENT CO.
EASTERN SALES DIVISION
70 FIFTH AVE. QUALITY SERVICE NEW YORK
BOSTON - SYRACUSE - RICHMOND

Kewaunee Mfg. Co.
KEWAUNEE, WISCONSIN

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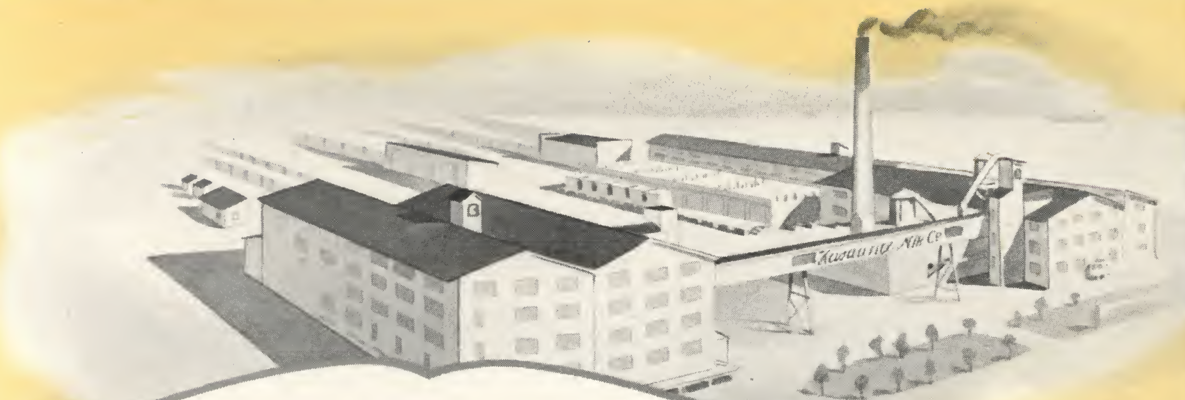


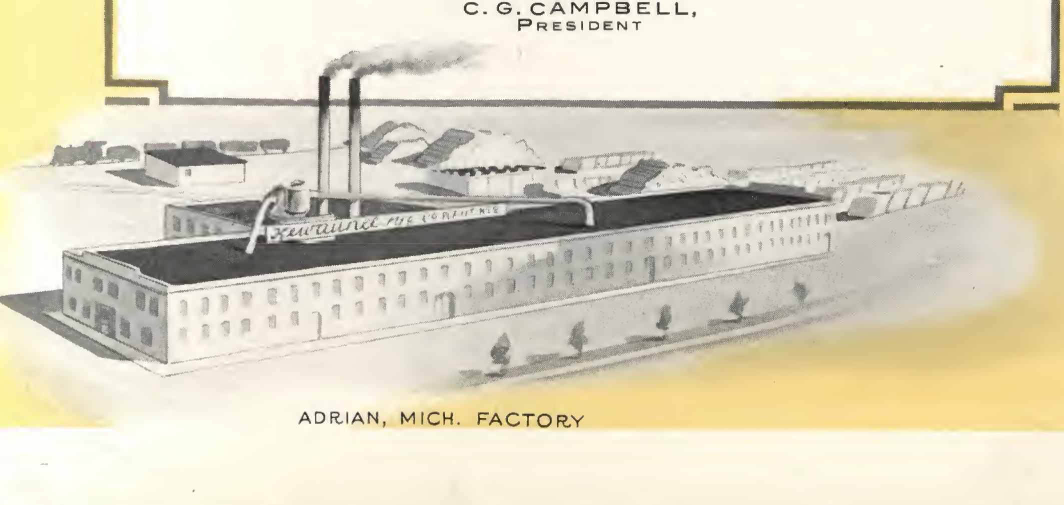
KEWAUNEE, WIS.
FACTORY

The KEWAUNEE BOOK

of Laboratory-Vocational and Home Economics Furniture

Kewaunee Mfg. Co.
KEWAUNEE WIS.

C. G. CAMPBELL,
PRESIDENT



ADRIAN, MICH. FACTORY

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"Quality isn't something that can be argued into an article or promised into it. It must be put there. If it isn't put there, the finest sales talk in the world won't act as a substitute."

Kewaunee Manufacturing Co.

KEWAUNEE, WISCONSIN

Branch Offices:

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Montreal, Quebec

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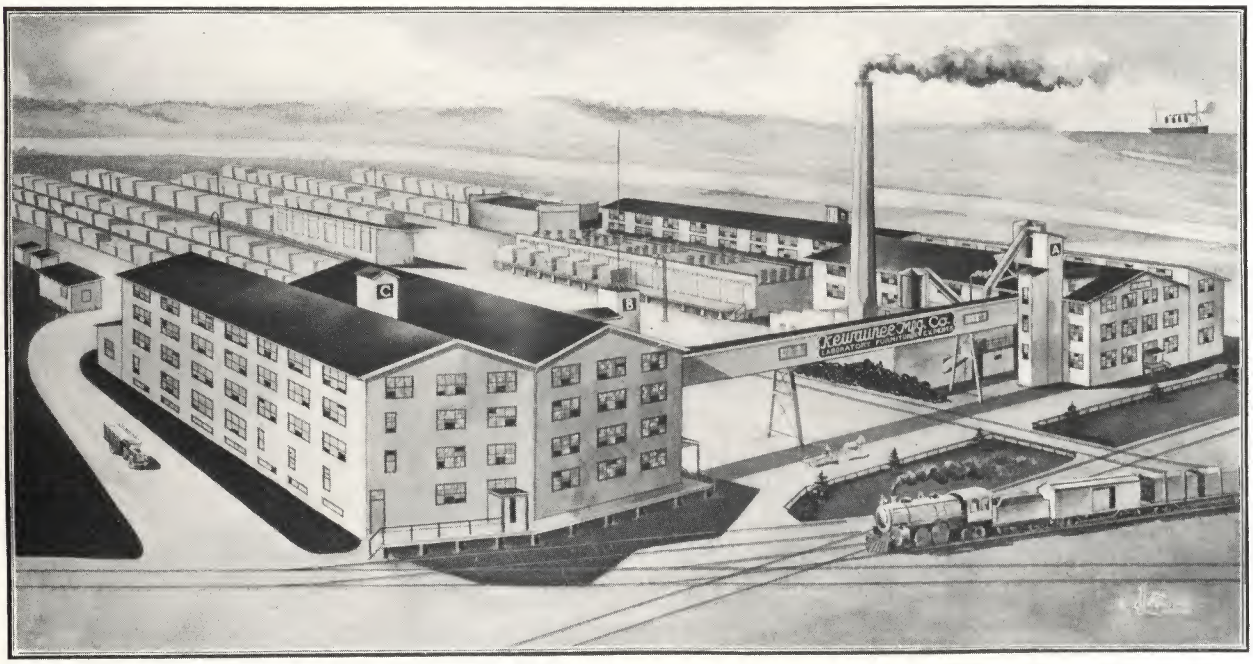
A Personal Message

THE Kewaunee Manufacturing Company, incorporated in 1903 and established in 1906 for the specific purpose of manufacturing laboratory furniture for schools and colleges, has grown from a very modest beginning to the largest enterprise of its kind in North America, with our main factories and general offices at Kewaunee, Wisconsin, and factory number two at Adrian, Michigan. Each factory is equal in importance and each is comcompletely equipped in every way to turn out an equal quality of product.

Both factories are operated under one management and under one general superintendent. Both plants are manned by artisans "Kewaunee trained". Both plants work from the same details of construction and use identical materials. The product of both plants is subject to the same exacting inspection requirements in laboratory, vocational, home economics, or industrial furniture.

The value to our customers of two complete plants to serve them is recognized in the flexibility of manufacturing production schedules which two large factories make possible. The ability to expand the organization of either plant to meet unusual production requirements is of the greatest value to the educational field during the busy summer season.

When this business began to grow, there was no definitely established laboratory furniture industry. Most laboratory furniture consisted of built-in cabinet work which was either constructed by the building contractor or by carpenters on the premises. Such equipment was comparable with the home made



KEWAUNEE MANUFACTURING COMPANY
PLANT No. 1, KEWAUNEE, WISCONSIN

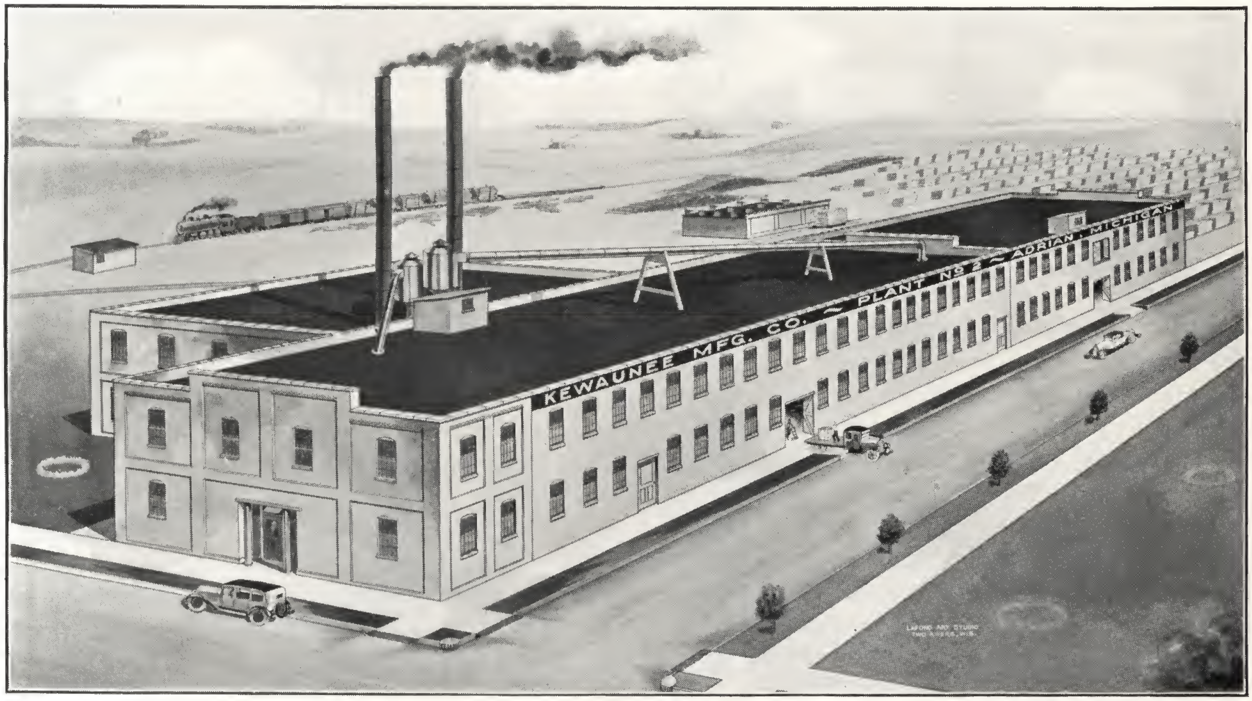
bench formerly used for seating in the classroom.

Kewaunee's struggle in introducing properly designed and manufactured factory-built laboratory furniture into the educational, hospital, medical, and industrial field, resulted in the recognition of a new industry—The Laboratory Furniture Industry.

In 1915 research work began with a view to meeting the requirements of educators and scientists in developing equipment that would meet their every need. In order that the superiority of factory-made products might be definitely established, it was necessary that only the finest workmanship and the best of materials be used in Kewaunee furniture. With this ideal before us, every effort was made to engineer, design and manufacture strictly a quality product. In 1920 we began our research in manufacture which included the re-equipping of our Kewaunee, Wisconsin, factory, and during the past nine years, marching with the progress of specialized industry, we have completely re-equipped our factories with the most modern machinery it is possible to purchase for our use. Many of our machines have been specially built for our production.

Maintaining high standards in craftsmanship and material in the manufacture of Kewaunee furniture, rendering service in every department to our customers, has earned us our present recognition of leadership in this industry.

The commercial integrity of the Kewaunee organization has been long established through our many years of uninterrupted fair dealing, and the confidence with which our customers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PLANT No. 2, ADRIAN, MICHIGAN

in North America today regard Kewaunee is the natural result of our many years of commercial activity as specialists in their field.

Today the situation as regards specialized laboratory furniture has greatly changed from the time that saw the inception of the laboratory furniture industry. Properly designed and correctly built equipment is now an economic necessity in the laboratory. Scientists and students alike have learned to appreciate, and they require, laboratory furniture that is convenient, durable and attractive. Each year more convenient, more durable, and more complete laboratory furniture has been required; and each year Kewaunee has answered that demand by creating and producing laboratory furniture that has met it.

Pedagogic achievements in design have gone hand in hand with engineering and mechanical development in manufacturing, and Kewaunee's effort to make Kewaunee equipment the ultimate in convenience and durability has resulted in our entering the field of specialized Kewaunee laboratory plumbing, hardware and electrical equipment. The Kewaunee organization today not only provides laboratory furniture, but all the equipment, including the furnishing, erecting and connecting of all plumbing, electrical work, drainage, air removal and other plumbing and mechanical services used to completely equip any laboratory.

From the plan of furniture manufacturing only of the early day, we have progressed to the point of a complete designing, engineering and building service. This service includes furnishing complete blueprint floor plan layouts showing the location of each piece of equipment and the developing of plumbing, electrical, and mechanical ventilating systems, all laid out and engineered to meet the most exacting requirements of any institution. The largest educational and industrial institutions in America reflect in their laboratory equipment, the service and progress of Kewaunee-built equipment.

Such pedagogic achievements as the development and introduction of the Lincoln Science Desk, which inaugurated the movement for combining science laboratories, thus effecting tremendous economies in secondary school building and equipment, have definitely demonstrated the value of Kewaunee engineering and research work to the educational field, and the popular response to the Lincoln Desk and similar achievements, has been amply demonstrated by the many imitations of one sort and another which competition has developed in an effort to meet the situation.

And finally, we feel justified in saying that we build laboratory furniture for service, not simply fixtures to sell.

OUR PURPOSE IS—

To build a business that will never know completion, but will continually advance to meet ever changing and improved conditions.

To develop our facilities and to serve each and every person with whom we have relations of any kind, large and small, to a notable degree and satisfactorily.

That this company's executives in all positions shall create a personality that will be known for generations for its fairness, honesty, strength and friendliness to all, in every contact made.

Signed,

C. G. Campbell

President

SPECIFICATIONS

Covering Manufacture of Kewaunee Specialized Laboratory Furniture

KINDS OF WOODS

Quality: All woods used are thoroughly air-dried in our own yards for from twelve to eighteen months, and are then kiln-dried to a moisture content of 4½ per cent in the latest type of moisture kilns. Grading of all lumber used is in accordance with grading rules of the National Hardwood Lumber Association, and the National Veneer and Panel Manufacturers Association.

Oak: All exposed surfaces of wood are of selected plain sawed white oak.

Birch: To be No. 1 Common and Selects grade, without defects, but unselected as to color, for interior construction, division frames and drawer sides.

Maple: To be No. 1 Common and Selects grade, without defects, but unselected as to color, for interior construction, division frames and drawer sides.

Plywood Panels: All exterior panels are of sawed white oak plywood, two face on doors and on case ends, one face in other instances, and are Grade "A", carefully matched for uniform good figure and color, and having all discolorations, sap and knots eliminated. Panels are machine-sanded and polished.

Birch panels for division frames are Grade "B" ordinary figure, matched for color. Piece stock tightly jointed. Machine-sanded and polished.

All drawer bottoms are ⅜ in. 3-ply clear veneer plywood, good one side, and are machine-sanded and polished, and free from defects on good side.

All case backs, both upper and lower sections, are ½ in. 5-ply veneered plywood, clear one side, and machine-sanded and polished, matched for color.

CONSTRUCTION

Dimensions of stock are maintained accurately. All joints are mortised and tenoned with heavy tenons and as deep mortises as are practicable. All glued, screwed and wedged together, in accordance with best cabinet-maker's methods. The bottoms of cases, etc., are braced with blocking after most approved methods; all work is entirely free from machine marks, evenly sanded and is hand-smoothed for a rubbed finish.

All glueing operations are performed in a glue room especially designed and equipped for the manufacture of Kewaunee specialized furniture. All wood is pre-heated before application of hide glue, and glue is spread automatically to insure proper heat and uniform spreading. Glued up material is dried and cured in specially designed pit type, heated, drying clamps. All table tops and other exposed glued up surfaces are glued with Kemco water resisting glues that will resist actual submersion tests in water for hours.

CASES

Specialized Kewaunee laboratory cases are heavily constructed to carry extremely heavy weights of apparatus, chemicals, and other laboratory equipment. Bases are substantially constructed and braced in accordance with modern cabinet-maker's methods. Ends are constructed with three-ply panels, ¼ in. thick, clear two sides. Backs are constructed with five-ply ½ in. panels as specified. All partitions between drawers equipped with locks, are paneled and framed into ends and backs with ⅜ in. three-ply panels. All shelving is a minimum ⅞ in. thickness of clear basswood, faced with 2 in. of white oak at front and ends. Shelving is made adjustable and supported on bauer-barffed adjustable shelf supports with ¾ in. spacing. Vertical partitions in all cases are framed and panelled with ⅜ in. three-ply panels. Where sections of different types of cases are ordered to be joined together, the joint is covered with a facing strip. Cases are moulded with a specially designed crown moulding, and tops of cases do not overhang crown moulding, but are framed, panelled, and lay behind the crown.

DRAWERS

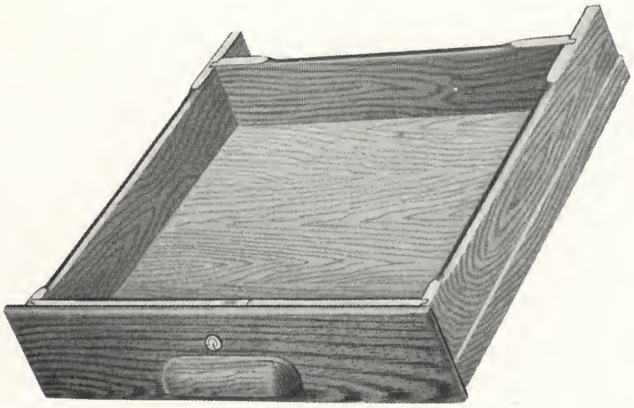


Fig. 1

All drawers have ⅞ in. thick lapped fronts, lapped four sides, and ⅝ in. thick sides, with guides machined on sides. Guides are 1 in. high, and ⅛ in. thick along full length of drawer sides, backs are ½ in. thick. All drawers are built with heavy mortise and tenon construction on front and rear, and have 2 in. overhang on rear of drawers to prevent drawer from falling to floor when pulled flush with table rail. Drawer bottoms are ⅜ in. 3-ply panels, one side clear, framed into fronts, backs and sides, but not glued into frame. Drawers and drawer guides and runners are of birch or maple, and are so fitted and cured as to operate easily and without binding. Wood pulls are furnished on all drawers, and are quarter-rounded and of a proper size to allow a comfortable hand grip. Drawer pulls are glued into place and securely screwed to drawer front from the inside.

DOORS

The rails and stiles for all doors are a minimum thickness of ⅞ in., mortised and tenoned together with tenons ranging from 1½ in. to 2½ in. in length, and 2 in. to 2½ in. wide, and ⅜ in. in thickness. Wood panels are ¼ in. 3-ply stock. Hinged doors have lapped dust-proof fronts on top and bottom and both sides, and panels are faced with clear white oak on both sides.

Sliding doors are not less than 1⅛ in. in thickness under 4 feet high, and 1½ in. in thickness on doors over 4 feet high. All sliding doors are fitted with heavy ball-bearing sheaves, sliding on solid steel track, imbedded in guided door sill, and properly fitted to insure smooth working of door. Sliding doors are so constructed that they can be lifted out of case for cleaning without the use of tools.

LOCKS

All locks used on Kewaunee equipment are solid brass locks, and in line with our policy of thorough specialization, our locks were designed after considerable study of the requirements for laboratory furniture locks.

Both K-225 drawer and K-226 sliding door locks are made of solid brass, having a heavy angle back plate and selvage. Size of plate is 2½ in. by 1⅞ in. The round case is securely fastened with screws and keyed to the back plate with two large size rivets and two integral keys projecting into the back plate, thus holding the box and all the mechanism in ac-

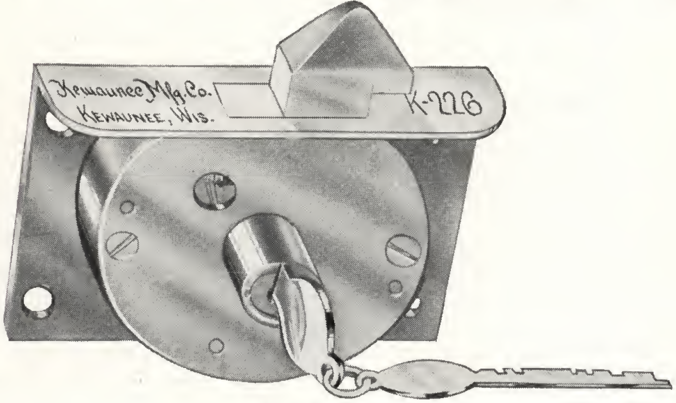


Fig. 2

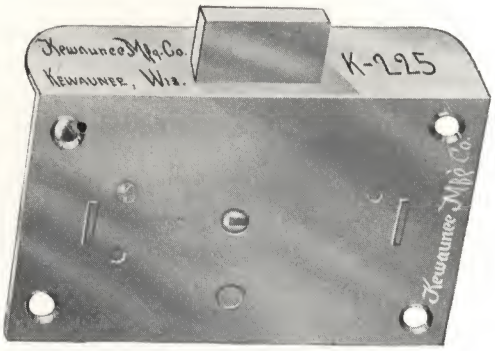


Fig 3

curate alignment which is a very important feature and necessary to insure permanently smooth operation.

Each lock is furnished with two polished nickel silver keys, and all locks are masterkeyed and have six levers or tumblers which allow master and departmental masterkeying the entire installation under one grand-masterkey when required.

The sliding door lock K-226 is a spring bolt lock, and has a heavy bolt forged from bronze which will stand the wear of constant use. An additional improvement on the K-226 lock allows the lock to be opened and the key withdrawn, eliminating the self-locking feature until the lock is again closed.

K-225 and K-226 locks are mounted in mortises cut entirely by automatic lock mortising machines which insures the perfect fitting of each lock, and eliminates the possibility of binding in locks caused by back plate being sprung in fitting to drawer or door.

GLAZING

All glass used is best grade D. S. A. and is secured to frames with basswood strips properly fitted on the inside of doors and cases.

TABLES

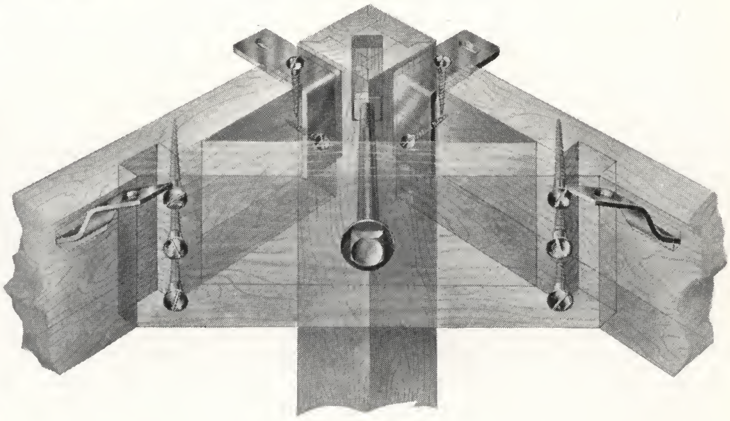


Fig. 4

All table legs are of five piece built-up construction having special mitered corner construction shown in Fig. 4, each face showing only one piece of lumber, and are 2¼ in. or 2⅜ in. square. Legs are bolted to table frames with a ⅜ in. steel machine bolt, running through a heavy wood corner-brace into nut imbedded in leg as shown in Fig. 4. Heavy stretchers are mortised and tenoned and bolted to legs, to further strengthen and support each pair of legs. Table rails are not less than $1\frac{5}{16}$ in. thick, by 5¼ in. to 8 in wide, and are bolted through the rail with ¼ in. bolts, heads and nuts of bolts being counter-sunk flush with rail, on ends and on each side of each drawer cutout to further support rail. End frames, rails and stiles of desks and cabinets are of a minimum thickness of $1\frac{5}{16}$ in.

Tables and desks having cabinet work below the top are equipped with standard toe space construction along working sides of table, unless otherwise shown. All stiles, rails and muntins which frame in panels are artistically coped with an O. G. molding, machined as a part of the stile, rail, or muntin.

TABLE TOPS

Wood Science table tops are of birch 1⅝ in. thick, finished black, acid and solvent-resisting, according to the best acid and solvent-resisting treatment formulas, and finished with a curing coat developed by the Kewaunee research staff. Tops are built up of narrow strips of select birch, none of which are wider than 3 in. Underside of table tops having trough or center sink openings are provided with drip groove to prevent capillary attraction carrying water back into desk. Specialized Kewaunee tops for science tables are all reinforced with a patented spring bolt as illustrated in Fig. 6. This automatic reciprocating spring bolt construction makes possible the Kewaunee guarantee on our table tops. Reciprocal spring bolted rods are used on each side of each sink cutout, and on each end of table.

Linoleum table tops for physics, general science, biology and agricultural tables and desks are built up of 5-ply 1½ in. thick plywood covered with the best grade of inlaid Linoleum $\frac{3}{16}$ in. thick, glued with water proof glue throughout, and edge banded with white oak, edge banding having mitered corners.

Wood Domestic Science table tops are of birch, 1⅛ in. thick, finished with heat-proof top varnish,

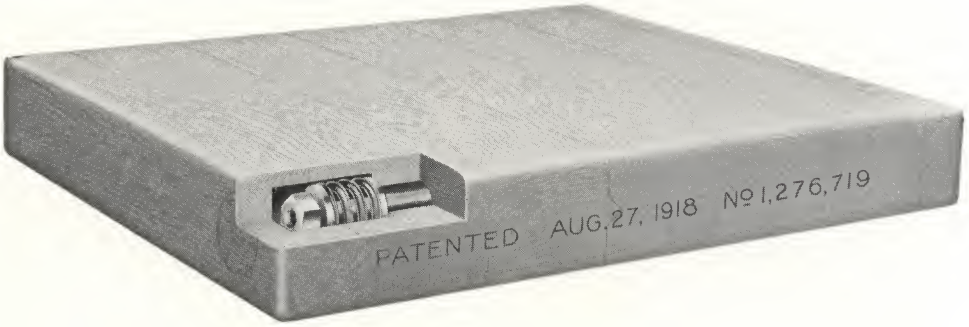


Fig. 6

and built up in the same manner as the 1⅝ in. tops, of narrow, clear, birch strips.

Monel Metal Tops for Domestic Science and dietetic tables are built up of 10-ply cross banded laminated plywood, covered with heavy monel metal. Monel Metal is carried around ends and edges and extended 2 in. over bottom on all sides. All corners and edges are properly rounded and corners are carefully brazed. The 10-ply construction of the plywood sub-top prevents any expansion and contraction with attendant bellying of metal. Tops up to 3½ feet by 6 feet are made of one piece of metal without seams.

Oak tops, where specified are solid selected white oak, built of narrow strips, carefully jointed and matched, and properly glued with a single "V" joint.

All table tops are secured to table frames with goose neck steel expansion clips and screws, with grooves ploughed about ¾ in. from top of table frame, and properly set for expansion and contraction. Goose neck expansion clips are placed not more than 14 in. apart on tops. Method of fastening is shown in Fig. 5.

Corners of tops are securely held in place with heavy spring steel angle irons shown on construction cut of corner, Fig. 4, and angles are provided with oval slot allowing screw securing top to work back and forth with expansion and contraction of the top.

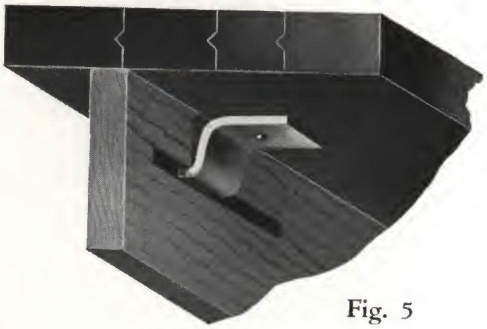


Fig. 5

FINISHING

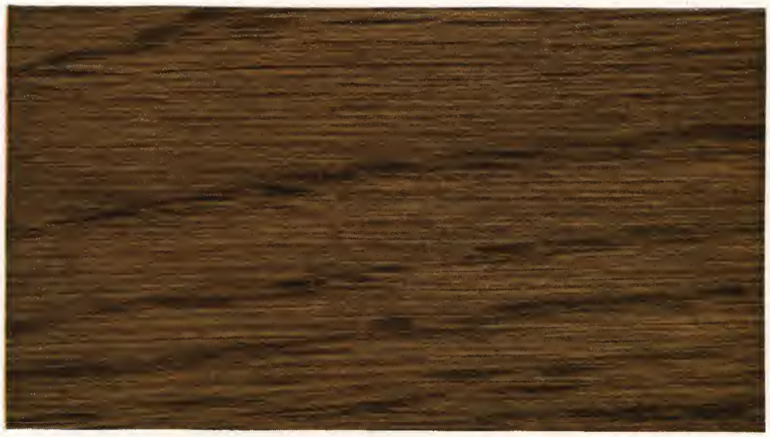
Specialized Kewaunee Laboratory Furniture is finished as follows: All exteriors of desks, tables, cabinets and cases are stained to match finish required, and carefully filled with Paste Filler, three coats of heavy gum rubbing varnish are applied, and sanded between the first and second, and second and third coats. The last coat is carefully rubbed with pumice stone and oil to a dull gloss finish. No flat varnish is used anywhere on Kewaunee equipment.

A Nitro-Cellulose Lacquer finish is furnished optionally if desired. Where Nitro-Cellulose Lacquer is used, three coats are applied after staining and filling, and the lacquer is sanded and rubbed with pumice stone and oil.

Exposed interiors of cases are finished the same as exteriors, and carefully stained to match exteriors. Domestic Science and Domestic Art birch table tops and other table tops not finished black acid and solvent-resisting, have four coats of gum top varnish or nitro-cellulose lacquer applied over natural finish, carefully sanded between first and second, second and third, and third and fourth coats, and fourth coat rubbed with pumice stone and oil, then polished. Where white or colored enameled work is specified, equipment is given three coats of undercoating, and two coats of enamel, egg shell finish. Undercoating sanded between first and second, and second and third coats, and third coat carefully smoothed before enamel coats are applied.

FINISH No. 1
DARK GOLDEN OAK

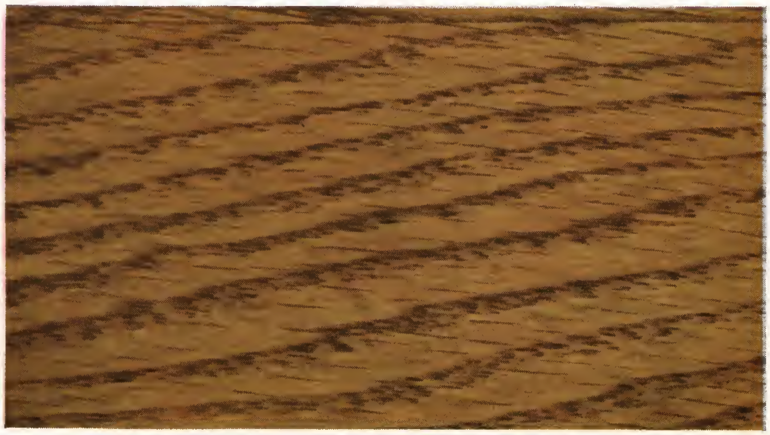
This finish is recommended for use on all Science Laboratory Furniture. Research work conducted with a very large number of different shades and colors in oak finishes have demonstrated that the No. 1 Dark Golden Oak finish is most suitable for Science Laboratory Furniture, because acid scars and marks of chemical corrosion, as well as stains of all sorts show up less prominently on this finish, than on any other shade of oak finish. Kewaunee No. 1 Dark Golden Oak is a very rich deep golden oak finish that presents an extremely attractive appearance and will maintain its attractive appearance longer than any other finish in the laboratory.



Finish No. 1 Dark Golden Oak

FINISH No. 2
LIGHT GOLDEN OAK

The Light Golden Oak finish is recommended for use on Home Economics and Vocational Equipment and on all equipment with the exception of Science Laboratory Furniture. This color of finish is very rich and brings out all of the beauties of the grain in white oak. A room equipped with furniture finished in Kewaunee No. 2 Light Golden Oak presents an extremely attractive appearance.



Finish No. 2 Light Golden Oak

STONE WORK

Wherever soapstone is desired, we furnish standard quality laboratory soapstone, as manufactured by the Alberene Stone Company, 1¼ in. to 1¾ in. thick, and made up in sections of such size as to preclude breakage and to facilitate handling. Drip grooves are provided on under side of tops to preclude possibility of capillary action carrying water into the desk.

PLUMBING

Kewaunee equipment is furnished, plumbed to the floor line, ready to connect to union, and shut-off valves are provided on each supply pipe line.

Galvanized iron piping is used for all supply lines except gas, where black iron pipe is furnished according to code. Where so specified, triple Nickel-plated brass piping is used in standard pipe sizes.

Plumbing Fittings: Specialized Kewaunee fittings are used throughout for water, gas, vacuum and compressed air. This line of carefully designed laboratory fittings offers the greatest possible convenience and utility in the laboratory, and is designed to take standard vacuum and filter pumps, condensers and other laboratory apparatus. Kewaunee fittings are manufactured of red metal with an extremely high copper content, and are very much harder than brass ordinarily used in fittings. This insures long wear without the inconvenience of having to make repairs at intervals.

All sinks are manufactured of Ceramics material, known as chemical stoneware, or of Alberene Soapstone as called for. Kewaunee chemical-stoneware sinks are highly specialized, guaranteed chemical-proof and furnished in a series of sizes and designs which we have carefully worked out to meet all of the needs of various laboratories. Easy to clean, and indefinitely guaranteed, these sinks are a tremendous improvement over any other sink offered in this field.

Lead Work: Linings for sinks and troughs are of 4-lb. to the square foot pure sheet lead, carefully installed, and all joints are burned with pure lead. No solder is used anywhere in jointing our lead work.

Duriron traps, drain fixtures, and drain lines are furnished where desired, at extra cost. Ceramic drain fittings and drain lines are also furnished where required. College Chemistry frequently requires the use of one or the other of these materials for drainage systems. Our engineers will be glad to advise prospective users in reference to the proper material for each individual requirement.

HARDWARE

Specialized Kewaunee hardware is fitted in a thorough and workmanlike manner. Hinged doors over four feet in length are fitted with one and one-half pairs of 3 in. ball-tipped solid brass butts, attached with brass screws in such manner as to insure close fitting doors without binding. Doors are fitted with steel brass-plated friction catches, and have elbow on left-hand doors of double hung door sets. All doors have plain wooden knobs to match exterior of door. Unless otherwise specified, all hardware is solid brass.

Pure Aluminum or monel metal leg sockets are furnished on all legs of Kewaunee equipment as specified, to protect bottom of leg from scuffing and scratching. Kewaunee leg sockets are die-cast aluminum or monel metal and are flush type, fitted with removable lug for solidly fastening equipment to floor where desired.

ELECTRICAL WORK

Wherever electricity is called for on Kewaunee equipment, conduit pipe or flexible cable, in accordance with code is carried to floor line where specified ready for the installation of wires. Flush type Hubbell receptacles with non-polarity and single polarity plugs, and condulet fittings as called for, are furnished.

GENERAL INFORMATION

Distribution: Kewaunee Laboratory Furniture is distributed throughout America by trained laboratory furniture engineers located at most principal cities. An inquiry, directed to the main office of the company at Kewaunee, Wisconsin, will at once put you in touch with the nearest Kewaunee representative. All Kewaunee representatives will welcome an opportunity of offering you any information or estimate which you desire, and will offer all possible co-operation in solving your laboratory furniture problems without obligation to you.

Planning and Engineering Service: The Kewaunee Manufacturing Company maintains at Kewaunee, Wisconsin, Adrian, Michigan, and at the distributing offices in principal cities, engineering and drafting departments for the purpose of developing and completely engineering floor plan layouts of proposed laboratory, vocational, home economics, and industrial furniture. The services of specialists in each field are available to you without cost or obligation. Upon receipt of floor plans of your laboratory or building, we will make up suggestive floor plan layouts showing that equipment which will most conveniently and economically meet your requirements as to size of sections to be accommodated, number of sections to be accommodated, and the accommodations and services afforded each student. Such plans will also include complete roughing-in measurements for all plumbing and will accurately locate all piping for drainage, hot and cold water, gas, vacuum, compressed air, steam, distilled water, electricity, hydrogen sulphide and mechanical ventilation. Many economies in the equipment of laboratories are effected by a properly planned layout and it is particularly important that proper piping or roughing-in plans be followed in locating piping in floors. Prompt planning service will be extended all architects, educators and other interested persons upon request.

Plant Inspection: We cordially invite educators, architects, and other persons interested, to visit Kewaunee and inspect our plant, our methods of manufacture, the raw materials used, and our facilities for rendering service. Each year we are visited by many architects, educators, industrial scientists and other persons interested in purchasing Laboratory, Vocational or Home Economics Equipment.

Special Furniture: Kewaunee Manufacturing Company is equipped to furnish special equipment, built to details and specifications, to meet all special requirements. Our facilities enable us to render excellent service in designing, manufacturing and delivering special furniture of all kinds, and we are prepared to make estimates promptly.

We cannot accept cancellation on special furniture after such furniture has been put into production, and no cancellations will be made without permission or after merchandise has been put in transit.

Inspection: Each piece of Kewaunee Laboratory furniture is assembled complete in our factory and carefully inspected before packing. Kewaunee furniture is guaranteed and is sold subject to replacement of any part or parts failing by reason of faulty material or workmanship, honest wear and tear excepted.

Shipping Point: All F. O. B. factory prices quoted are based on shipment of furniture being made either from Adrian or Kewaunee, and of Ceramic Sinks from Adrian, Kewaunee or Keasby, New Jersey, and soapstone tops, sinks and gutters from Adrian, Kewaunee, Minneapolis, Chicago or Schuyler, Virginia. We do in each case endeavor to ship from your nearest point, but reserve the right to ship from whatever above mentioned point conditions necessitate.

Method of Shipment: Owing to the large size of a great many items of equipment, a great many of our standard items are shipped knocked down. Shipment of the larger pieces of laboratory furniture in units of lengths and widths that facilitate handling through doorways and up stairs is a necessity. In every case where equipment is shipped K. D. or in sections, the assembly merely involves connecting the sections together.

Shipment: All Kewaunee Laboratory Furniture is carefully inspected, crated and delivered to the carrier in good condition. When carriers receipt is taken for shipment, our responsibility ceases. In cases of open or concealed damage in transit, see instructions mailed with each invoice.

Freight Claims: As an accommodation to our customers who have no facility for effectively making claims, we will do so for them if report is accompanied by original bill of lading and delivering agent's expense bill having proper notation of open or concealed damage thereon.

Installation: Kewaunee Laboratory Furniture may be purchased F. O. B. cars Kewaunee, Wisconsin, F. O. B. cars point of destination, or completely delivered and installed ready for use. Carefully trained Kewaunee mechanics will be sent anywhere in America to make installations of Kewaunee equipment where this installation service is desired. Estimates will be given on installation work upon request.

Improvement: The privilege is reserved of changing design, materials or construction of Kewaunee Laboratory Furniture as improved designs, materials or construction methods are developed, the value represented to our trade in all cases being equal or greater.

A TRIP THROUGH OUR FACTORIES

An inspection trip through the Kewaunee factory starts in the large lumber yards where the lumber that goes into Kewaunee Laboratory Furniture is air dried and cured before it starts its trip through production. In the case of the Adrian plant, the lumber yard inspection would reveal magnificent southern Michigan white oak and maple logs ready for the saw mill, for the Adrian plant operates a saw mill and produces our lumber. All Kewaunee lumber is air dried and stacked in piles in our yards for from twelve to eighteen months before it is in acceptable condition to be kiln dried and tempered for use in Kewaunee furniture. A trip through our lumber yards discloses pile after pile of white oak, birch, maple and basswood being aged for use, and in the case of birch, many piles of lumber that are 24 to 28 feet in length. This long birch is specially sawed to provide full length strips for Kewaunee acid resisting laboratory table tops up to twenty-four feet long in one piece.

All Kewaunee lumber is kiln dried after air drying, and an inspection of our battery of vapor kilns reveals the extreme care and thoroughness with which all Kewaunee lumber is kiln dried. The importance of kiln drying lies not only in reducing the moisture content of the lumber to a given point, but in breaking down the cellular structure of the lumber so that it loses in good part, its ability to fluctuate in moisture content with changing atmospheric conditions thereafter. Some twelve to twenty-six days are required to properly kiln dry lumber under the Kewaunee method and the kiln drying methods employed throughout are the most modern and thorough methods available.

Kiln dried Kewaunee lumber next passes into our tempering department where it is allowed to temper back to normal room moisture content. When lumber leaves our dry kilns it is dried to 4½% moisture content by weight, and in our tempering process, which involves another thirty days time, the moisture content is increased to about 6%, which is the moisture content that the woods in furniture will normally contain while in use.

The tempered lumber then starts through our mill department and glue room. Expert lumber sorters first select lumber so that pieces are closely matched for color and figure, and it is then cross cut and ripped to the proper size to start its trip through the factory. It will be noticed here that machine equipment throughout is the most modern obtainable, and in many cases special machinery has been developed to meet Kewaunee's specialized laboratory furniture requirements. All machinery is directly connected with 440 volt motors that eliminate belting and line shafting, and the high speed at which the cutter heads of this modern machinery revolve contributes largely to the accuracy and smoothness of the material making up the various items of Kewaunee Furniture. The high rate of production and the efficiency of the machinery found in this department and subsequently noted throughout all other departments is largely responsible for Kewaunee's ability to furnish the Kewaunee grade of furniture in competition.

Glueing operations at the Kewaunee factories are performed in enclosed glue rooms where proper glueing temperatures and conditions can be accurately maintained, and waterproof glues, which will resist actual submersion in water for many hours, are used.

The machine department is the next department visited, and this department is responsible for the multitude of machining operations necessary to prepare Kewaunee furniture for assembly by the cabinet makers. Many interesting machine operations are disclosed here and the thoroughness and stability of the Kewaunee mortise and tenon cabinet construction is apparent in the pieces before they are assembled. The long deep tenons used and the care with which they are fitted give promise of the great strength and years of service that are built into Kewaunee furniture.

The cabinet department offers the next field of inspection, and here some of the most impressive workmanship in the plant is found. Row upon row of skilled cabinet makers are engaged in building up, in their entirety, complete pieces of furniture. Under the Kewaunee system of manufacture, each cabinet maker is fully responsible for a complete item of furniture, and the pride that these men take in their handiwork compels interest and admiration. It is significant to note here that throughout the entire Kewaunee plant there is not a single time clock and not a single piece work operation. Kewaunee woodworkers are recompensed not by the number of pieces they can produce in a given time, but by the thoroughness and quality of the cabinet work which they produce. This system of manufacture is identical with that under which the furniture masterpieces of two or three hundred years ago, that are so admired today, were produced, though in the Kewaunee organization the highest type of machine equipment has been combined with this craftsmanship to produce the most durable and beautiful equipment possible, economically.

The finishing departments in the Kewaunee factory are isolated from the woodworking departments in order that all dust and vibration that might impair the finish of the equipment can be excluded. Large batteries of spray booths are used to apply Kewaunee varnishes and lacquers after the pores of all furniture have been filled and the furniture stained to the proper color. The care with which interiors and exposed portions of all furniture is coated with varnish, evokes further comment on Kewaunee thoroughness and provides further confidence in the ability of Kewaunee equipment to stand up under the most severe conditions. A large crew of men rubbing finished Kewaunee laboratory furniture with pumice stone and oil, both by hand and machine, will also be noted, because every piece of Kewaunee Laboratory Furniture receives an oil rubbed finish and no flat varnishes or lacquers are used.

After Kewaunee furniture is finished, it is sent to the plumbing department where a force of plumbers trained to build Kewaunee plumbing and electrical services into Kewaunee furniture take it and put into it the complete plumbing and electrical lines to the floor ready for connection to the floor lines in the laboratory.

Here you will find men working with chemical lead, sheet metal, galvanized iron piping, brass piping, Duriron, cast iron and Ceramic piping and fittings, and in short, all of those varied plumbing materials that go to complete the plumbing services of laboratory furniture.

The trimmers next install the specialized Kewaunee hardware and pack all plumbing and other accessories not shipped attached to the furniture, and turn it over to the crating department, who carefully crate it for shipment to all parts of America.

KEWAUNEE SPECIALIZED LABORATORY FITTINGS, HARDWARE AND ACCESSORIES

The Kewaunee Manufacturing Company has long realized the important role that laboratory plumbing, fittings, hardware and other accessories play in providing laboratory conveniences.

Not content with designing and manufacturing completely specialized laboratory furniture, our engineering department has developed the highly specialized series of water, gas, air, vacuum and steam fittings shown on the following pages, with the view of having each fitting meet fully some particular laboratory requirement.

All of our fittings are built of red metal, an alloy very much harder than the yellow brass ordinarily used in standard plumbing fittings. Kemco red metal carries about 25% more copper than yellow brass does. This additional copper content spells added years of uninterrupted service in the fitting.

All Kewaunee water fittings are furnished with removable hose connections having seven serrations and designed to accommodate varying sizes of hose. Kemco hose connections have a fibre washer set into the shoulder of the hose connection, which allows a water tight connection being made by hand and without the use of tools. This means that the hose connections can be readily removed and replaced. The Kemco gas, vacuum and air fittings have hose connections so designed that the hose is held firmly over rounded serrations which do not cut the hose.

When the hose connection is removed from the Kemco water fittings the 1/4 inch female thread in the fitting will take any of the standard 1/4 inch filter pumps or condensers, and all Kewaunee fittings are furnished with an adapter where desired, so that 3/8 inch filter pumps or condensers may be used.

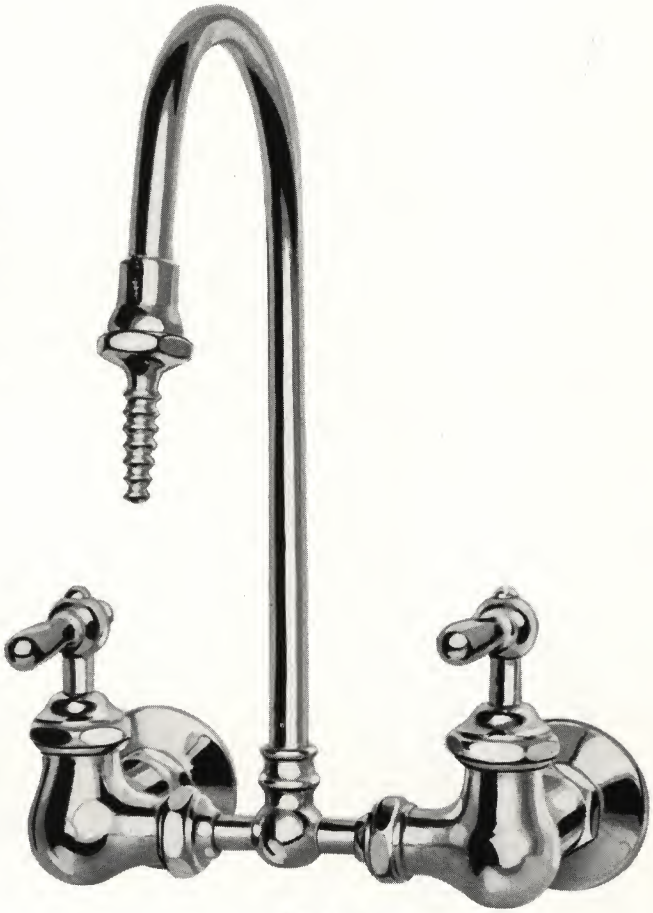
We have found that, while it has been a general practice for some years to use rapid compression types of water fittings in laboratories, very frequently a rapid compression type of fitting is not the most convenient fitting. A survey showed that water was usually used in small quantities at students tables and desks. A fitting which allows a very accurate flow of water was of greater convenience than a rapid compression type of fitting, which delivered a spurt of water on being opened only slightly. A survey also indicated that at wall sinks and other washing sinks is was more convenient to have the rapid type of fitting, which gives a rapidly accelerated flow of water, because in these sinks water is usually used in large quantities. Kewaunee specialized laboratory fittings in all designs are offered optionally in slow or rapid compression. The rapid compression fitting opens fully with a quarter turn of the handle. The slow compression fitting opens fully with one and one-half complete revolutions of the four ball wheel handle.

The complete Kewaunee line of specialized laboratory fittings, hardware and other accessories has been designed with a view of offering the greatest possible convenience and utility, with years of uninterrupted service, and Kewaunee has stressed the importance of correct laboratory fittings and hardware, because we feel these items are all exceedingly important in the laboratory.

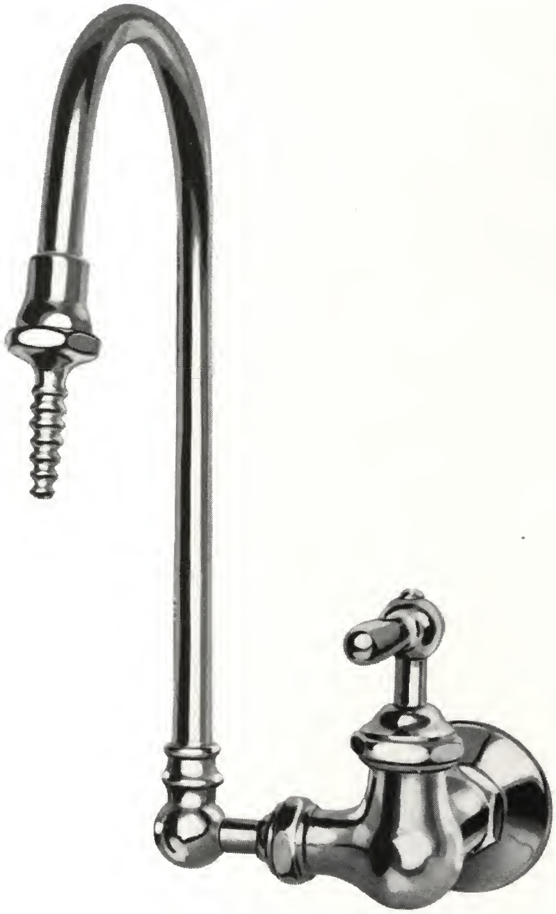
DOUBLE DISAPPEARING PANTRY COCK, RAPID COMPRESSION

This fitting is rapid compression and opens and closes fully with one quarter turn of the lever handle. Used where hot and cold water services are required. The swinging goose neck support swings down allowing the use of a sink cover. Size ½ in.

No. A-2—Double Disappearing Pantry Cock, Rapid Compression.



No. A-2



No. A-1

SINGLE DISAPPEARING PANTRY COCK, RAPID COMPRESSION

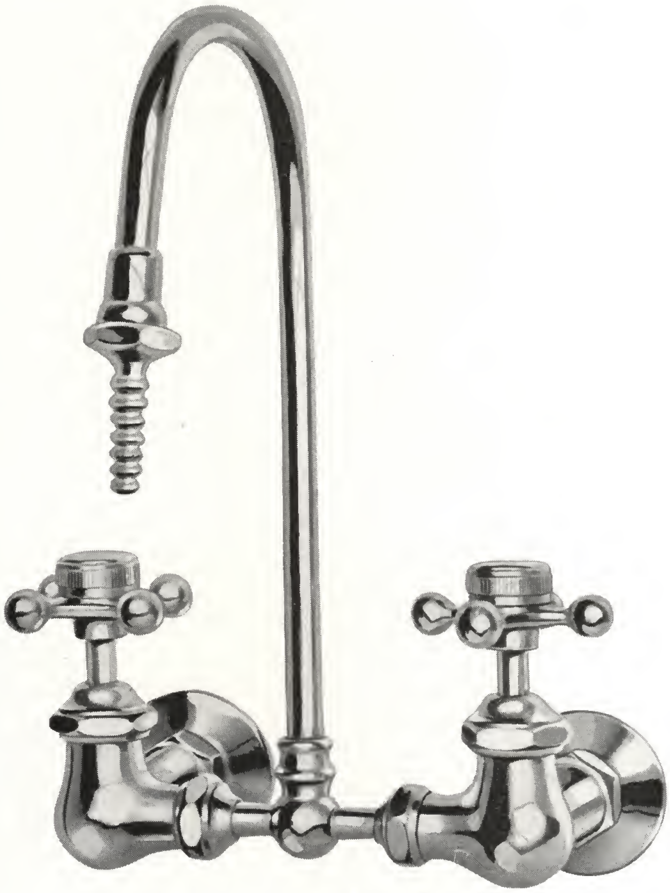
This type of fitting is used where only one water service is required, in those instances where a sink cover is used in connection with the sink. The swinging support has a ground joint connection and swings down allowing the sink cover to be placed over the sink. With this type of installation, no plumbing or plumbing fittings are visible when the sink is not in use. Size ½ in.

No. A-1—Single Disappearing Pantry Cock, Rapid Compression.

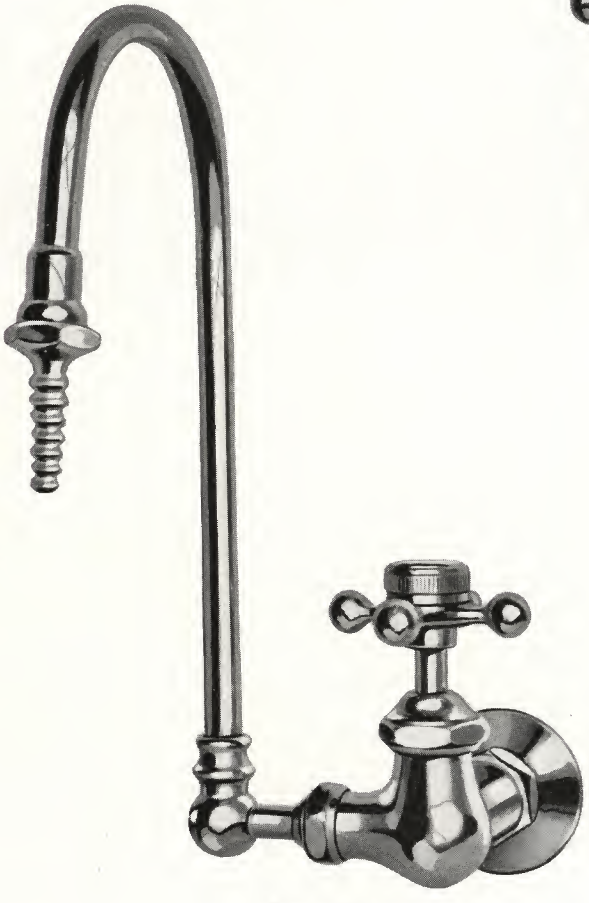
DOUBLE DISAPPEARING PANTRY COCK, SLOW COMPRESSION

The slow compression double disappearing pantry cock is used where a disappearing goose neck is necessary and accurate control of water flow is desired. This fitting is identical with No. A-2 disappearing pantry cock, except that it is equipped with the four ball wheel handle and is slow compression. Size ½ in.

No. A-5—Double Disappearing Pantry Cock, Slow Compression.



No. A-5

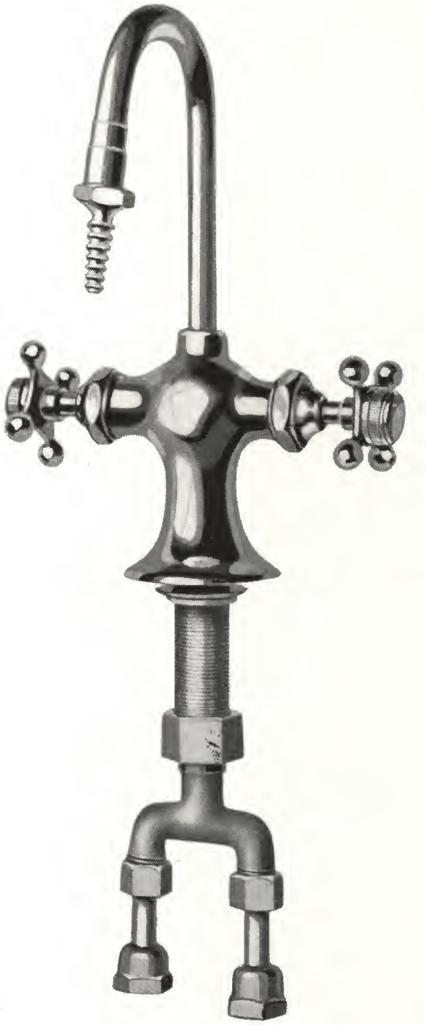


No. A-4

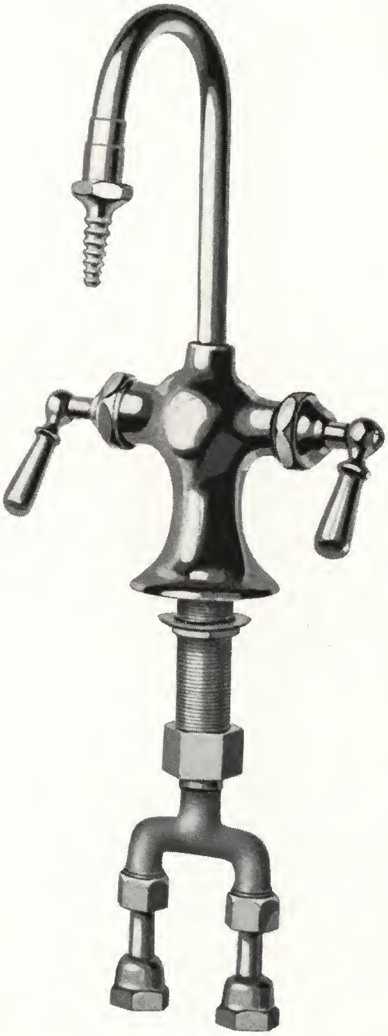
SINGLE DISAPPEARING PANTRY COCK, SLOW COMPRESSION

This fixture is similar to the No. A-1 fitting, but is equipped with four ball wheel handle and is a slow compression type of fitting. The fitting is opened or closed by one and one-half revolutions of the handle. We recommend the use of the slow compression fitting wherever water is customarily used in small quantities, as the slow compression fitting allows a better control of water flow than the rapid type of fitting. Size ½ in.

No. A-4—Single Disappearing Pantry Cock, Slow Compression.



No. A-7



No. A-8

DOUBLE PANTRY COCK, SLOW COMPRESSION

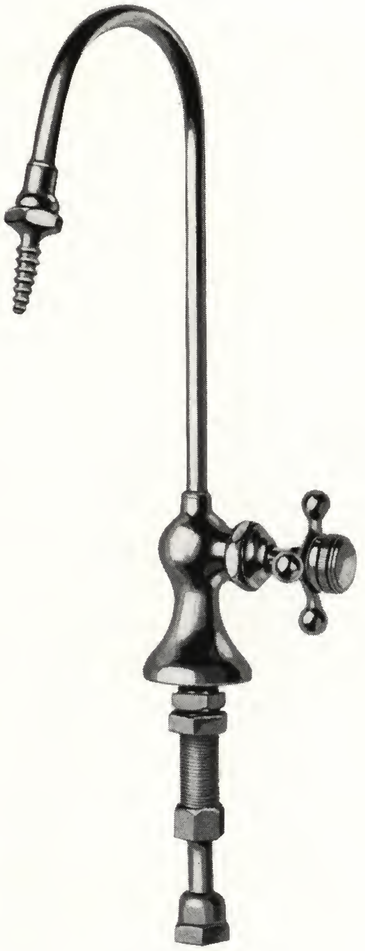
The standard type of fitting for supplying hot and cold water to sinks set into laboratory table tops. Equipped with heavy non-breakable goose neck and convenient four ball slow compression type handle. All styles of double pantry cocks can be furnished with special tail piece to take two cold water connections if desired. Size ½ in.

No. A-7—Double Pantry Cock, Slow Compression.

DOUBLE PANTRY COCK, RAPID COMPRESSION

The rapid compression pantry cock is identical with No. A-7 slow compression except that it is equipped with lever handle and opens or closes fully with one quarter turn of handle. The Kewaunee double pantry cocks are made to stand severe laboratory usage and are heavier and have considerably more metal in them than similar fittings offered in this field. Size ½ in.

No. A-8—Double Pantry Cock, Rapid Compression.



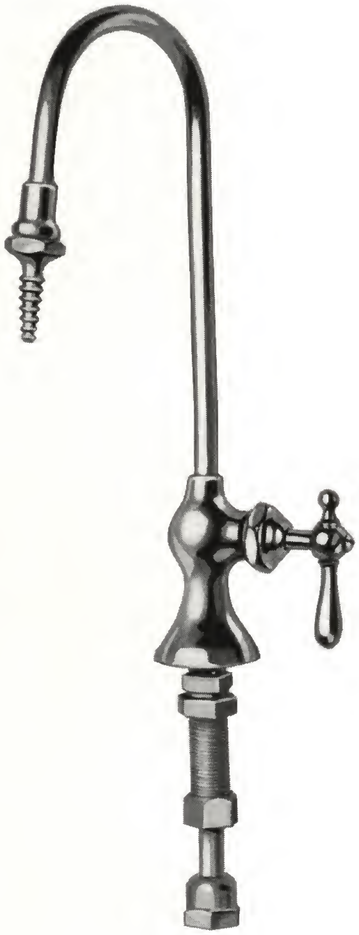
No. A-10

SWINGING SPOUT COMPRESSION SINK FAUCET

Swinging Spout Compression Faucets are being widely used in connection with Domestic Science Sinks and the No. A-12 Swinging Spout Faucet has many advantages.

The supply arms are adjustable from 4 in. to 8¾ in., allowing the faucet to be used with a wide range of plumbing roughing-in locations of supply pipes. The loose flanges make up tightly to the sink back and the swinging nozzle is equipped with a tip that gives a smooth steady flow of water without splashing.

No. A-12—Swinging Spout Compression Sink Faucet.

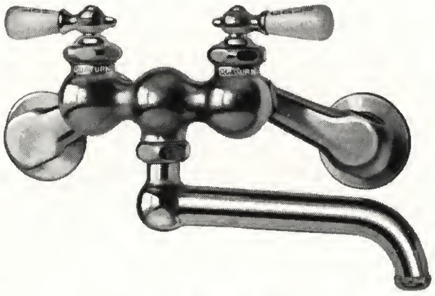


No. A-11

SINGLE PANTRY COCK, SLOW COMPRESSION

This type of fitting is used in connection with sinks set into table tops where cold water only is required. A very heavy fitting so designed as to eliminate goose neck breakage and to give years of uninterrupted service. Equipped with standard Kewaunee slow compression four ball wheel handle. Size ½ in.

No. A-10—Single Pantry Cock, Slow Compression.

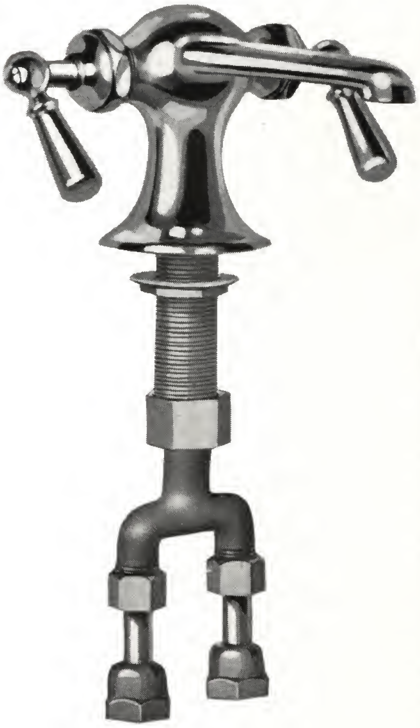


No. A-12

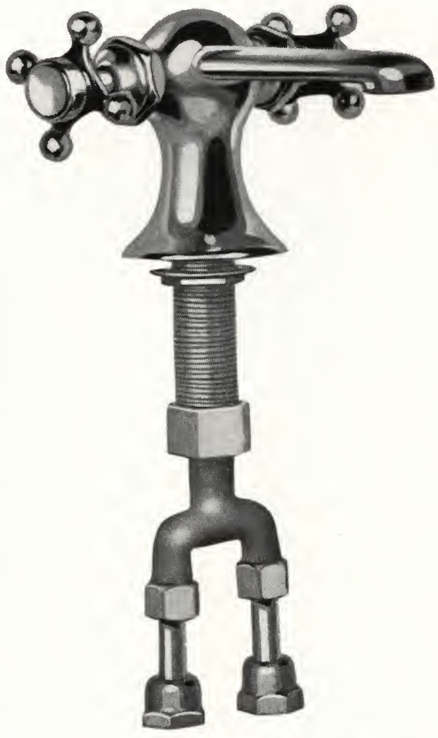
SINGLE PANTRY COCK, RAPID COMPRESSION

A rapid compression pantry cock is used principally where water is desired in large quantities, as for instance over glassware and apparatus washing sinks. This fitting like all Kewaunee water fittings is complete with ground joint tail piece and lock nut. Size ½ in.

No. A-11—Single Pantry Cock, Rapid Compression.



No. A-14



No. A-15

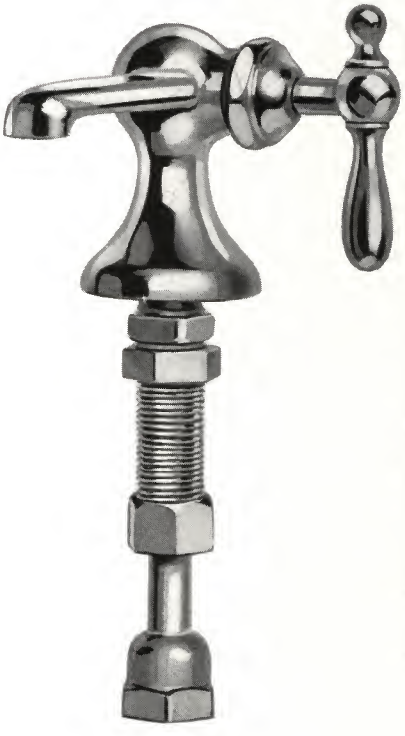
DOUBLE BASIN COCKS

Slow or Rapid Compression

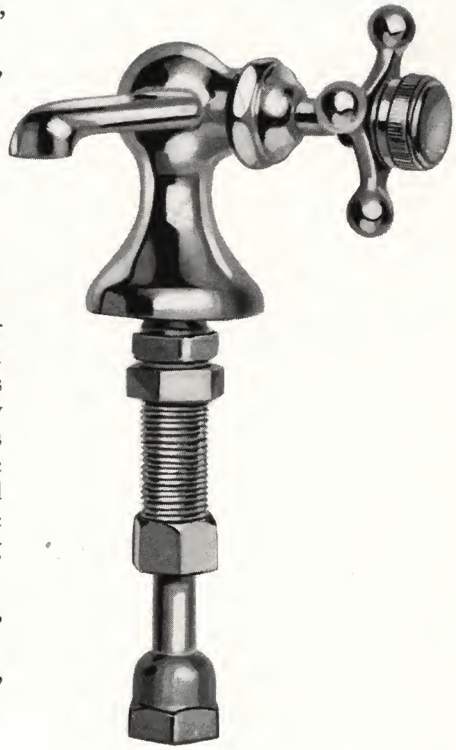
The No. A-14 rapid compression and No. A-15 slow compression basin cocks illustrated herewith are heavy duty fittings used where a low fitting having support close above table is desired. Frequently an over-head shelf or reagent rack or some other obstruction will prevent the use of the regular high pantry cock and in these instances these basin cocks meet with the rapid or slow compression requirements admirably. Basin cocks are not equipped with, nor threaded to receive hose ends, because the supports are too low to make the use of hose connections or filter pumps practical. Size ½ in.

No. A-14—Double Basin Cock, Rapid Compression.

No. A-15—Double Basin Cock, Slow Compression.



No. A-17



No. A-18

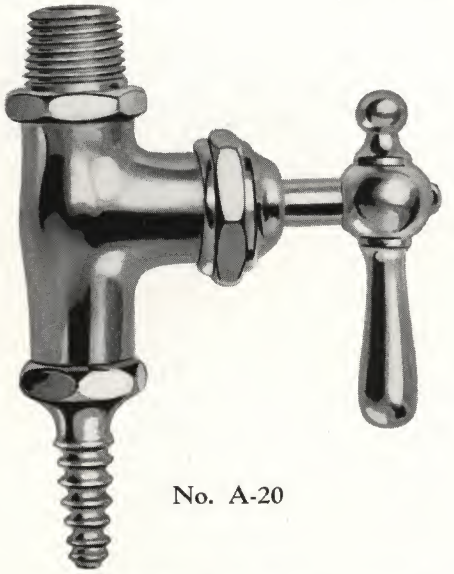
SINGLE BASIN COCKS

Slow or Rapid Compression

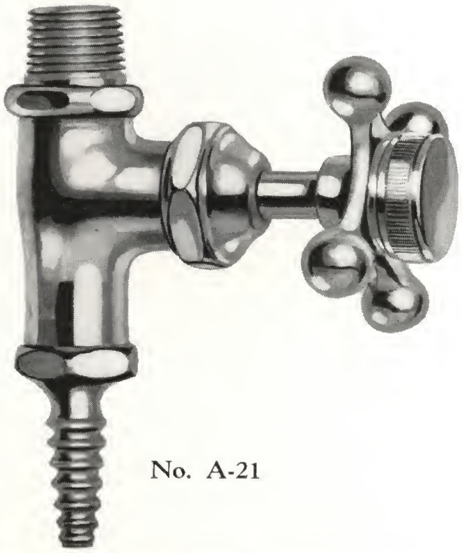
The single basin cocks in their slow or rapid compression form are used to meet requirements as outlined above, but where only one water service is required. This type of fitting is desirable for use in those instances where it would not be convenient to use the pantry cock or disappearing pantry cock. Size ½ in.

No. A-17—Single Basin Cock, Rapid Compression.

No. A-18—Single Basin Cock, Slow Compression.



No. A-20



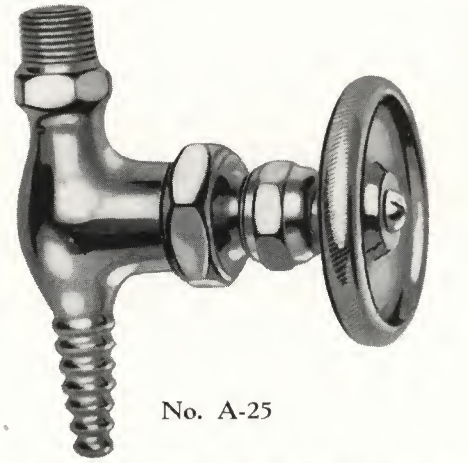
No. A-21

STRAIGHT-WAY WATER STOPS, RAPID OR SLOW COMPRESSION

The straight-way water stops illustrated above are very compact fittings, used principally for supplying water to troughs in the trough type chemistry desks. The use of the slow compression type of fitting is recommended, because it greatly eliminates the splash to the table top from the bottom of the trough that occurs when the rapid compression fitting is opened quickly. Further, the four ball wheel handle is more convenient to use than the lever handle and the accurate flow of water makes it possible to add a small quantity of water to containers. Size $\frac{1}{2}$ in.

No. A-20—Straight-Way Water Stop, Rapid Compression.

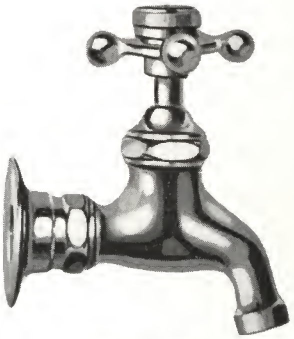
No. A-21—Straight-Way Water Stop, Slow Compression.



No. A-25

LABORATORY STEAM COCK

This steam cock is designed for use with either low or high pressure laboratory steam lines and the double packing box eliminates any difficulty with steam leakage around the stem of the valve. The hose end is integral with the fitting and will take hose from $\frac{3}{16}$ in. to $\frac{5}{8}$ in. in diameter. Size $\frac{1}{2}$ in.
No. A-25—Laboratory Steam Cock.



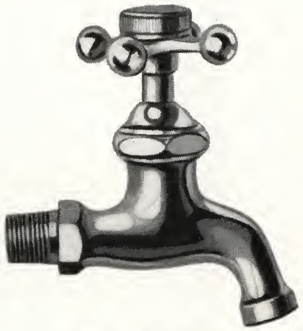
No. A-30

FEMALE FLANGED TRAY BIBBS, SLOW OR RAPID COMPRESSION

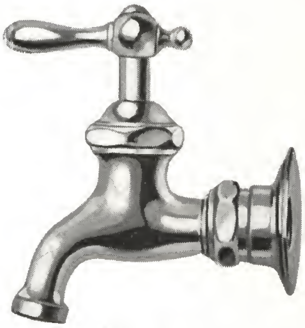
This type of fitting is used principally for wall outlets and over wall sinks where water supply comes through high back. For most purposes a rapid compression fitting is recommended, as water is usually wanted in large quantities at this type of sink. Size ½ in.

No. A-30—Female Flanged Tray Bibb, Slow Compression.

No. A-31—Female Flanged Tray Bibb, Rapid Compression.



No. A-32



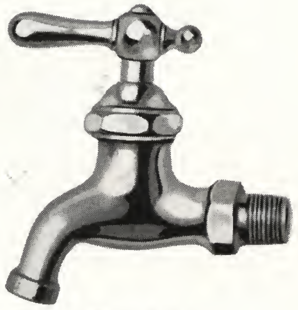
No. A-31

MALE TRAY BIBBS, SLOW OR RAPID COMPRESSION

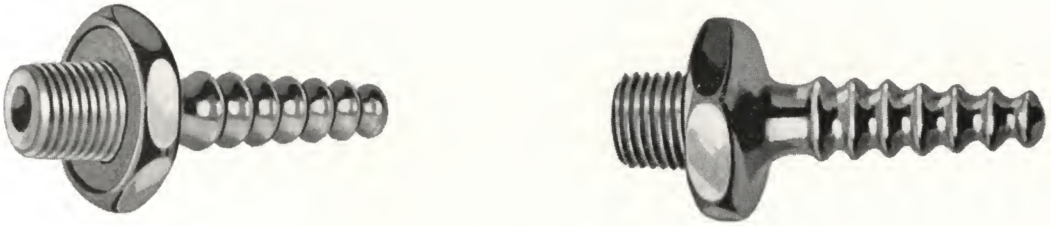
Male thread tray bibbs are designed to supply water to end sinks on chemistry tables and desks where the water supply pipes are carried in the reagent rack and fitting is installed by extending water pipe through end of rack over sink and connecting fitting with coupling. The rapid compression fitting is recommended for use over large end sinks on chemistry desks, because large quantities of water are generally used. Size ½ in.

No. A-32—Male Tray Bibb, Slow Compression.

No. A-33—Male Tray Bibb, Rapid Compression.



No. A-33

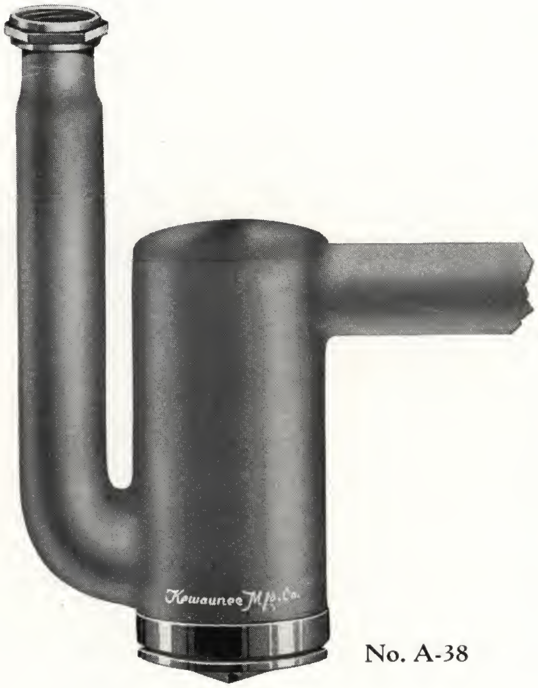


No. A-35

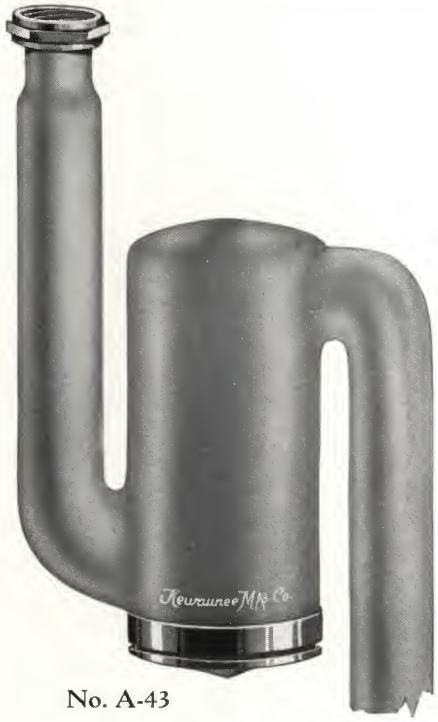
STANDARD KEWAUNEE HOSE CONNECTION

All Kewaunee water fittings, with the exception of basin cocks, are equipped with No. A-35 hose connection. The hose connection has seven serrations designed to take hose up to ⅝ in. in diameter, and a heavy fibre washer is set into the hexagon shoulder. This allows the fitting to be attached and removed without the use of tools, but insures a water tight joint. The thread on the hose connection is ¼ in. thread similar to that used on all ¼ in. filter pumps, and therefore all Kewaunee fittings will take standard ¼ in. filter pumps of various manufacture without the necessity of using intermediate fittings. These usually are very desirable laboratory features.

No. A-35—Seven Serration Hose Connection.



No. A-38

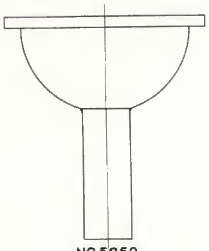


No. A-43

KEWAUNEE DEEP SEAL CHEMICAL LEAD DRUM TYPE "S" AND "P" TRAPS

Kewaunee Chemical Lead Traps are especially designed for laboratory usage. All joints in these traps are burned, no solder being used. The traps are made of spun lead with extremely heavy walls and the cleanout plugs provided on the bottom of the traps are all heavy cast lead. Liquids being drained through Kewaunee Deep Seal Drum Traps do not have contact with any other metal than lead and flanged lead joint is made between the lead sink support and the trap. The amount of water carried in the drum of the trap will prevent siphoning, except in very unusual cases.

No. A-38—Deep Seal Chemical Lead Drum Type "P" Trap, Size 1½ in.
No. A-42—Deep Seal Chemical Lead Drum Type "P" Trap, Size 2 in.
No. A-43—Deep Seal Chemical Lead Drum Type "S" Trap, Size 1½ in.
No. A-44—Deep Seal Chemical Lead Drum Type "S" Trap, Size 2 in.



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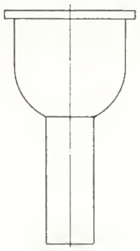

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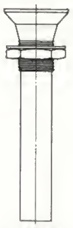

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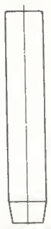
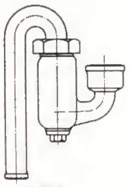


NO.5692
NO.5692-A



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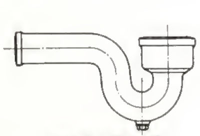

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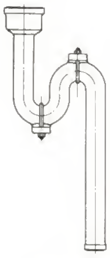
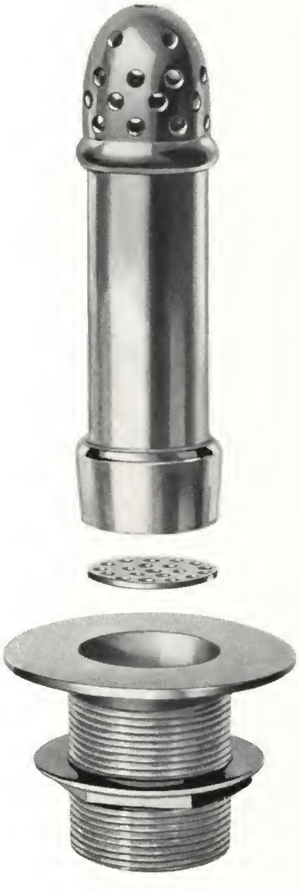


NO.5419-A

DURIRON WASTE FITTINGS

We illustrate above certain standard types of Duriron Waste Fittings. There are a great many conditions in the modern College or University Science Buildings where chemical corrosion requires the use of Duriron or Ceramic Waste line and waste fittings. We are fully prepared to furnish a complete line of Duriron and Ceramic fittings, and our engineering department is always ready to make recommendations as to the kind and type of fitting best suited to your particular requirements.

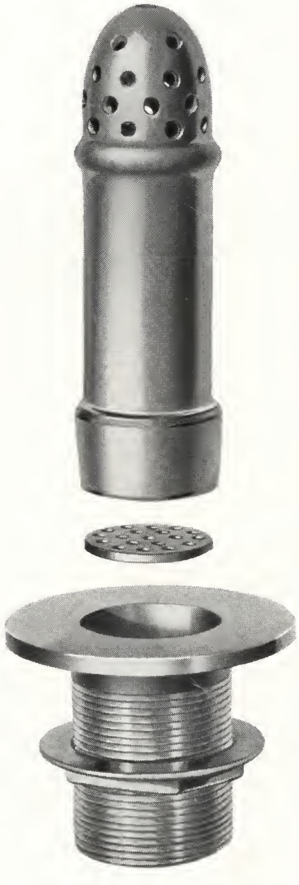


No. A-52

NICKEL PLATED BRASS SINK PLUG, STRAINER AND OVERFLOW

The nickel plated brass plug and overflow is used in those places where chemical corrosion is not a factor, as for instance, in aquaria, Domestic Science Sinks and similar items. The Beehive Vertical overflow is regularly furnished up to 14 in. in length and can be furnished longer where required. The sink support is complete with brass lock nut, nickel plated brass strainer, and nickel plated brass Beehive Vertical overflow, and all exposed parts of the fitting are triple nickel plated and highly polished. Size 1½ in.

No. A-52—Nickel Plated Brass Sink Plug, Strainer and Overflow.



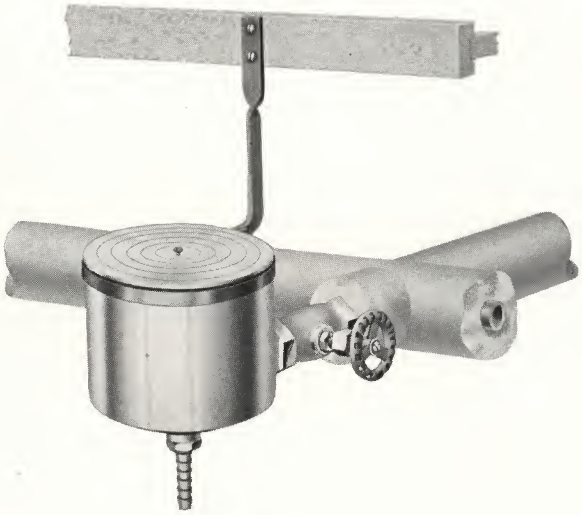
No. A-50

CHEMICAL LEAD SINK PLUG AND OVERFLOW COMPLETE

The Kewaunee Chemical Lead sink plug is the standard laboratory sink connection and is furnished complete with lock nut, chemical lead strainer and overflow or sink plug. Overflows are regularly furnished in heights graduated from ¾ in. to 9 in., and can be made to order in any larger sizes required. The Beehive Vertical overflow plug is almost essential to a laboratory, because retaining a quantity of water in the sink helps dilute acids and helps prevent corrosion in the waste line. The overflow plug is further useful in maintaining a fixed water level in the sink for gas collecting experiments.

No. A-50—Chemical Lead Sink Plug and Overflow Complete. Size 1½ in.

No. A-51—Chemical Lead Sink Plug and Overflow Complete. Size 2 in.



No. A-53

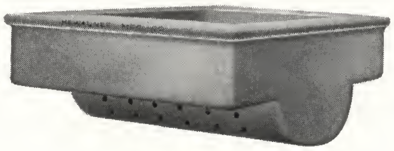
No. A-53 INDIVIDUAL STUDENTS STEAM BATH

This individual steam bath has been designed to meet a wide demand for an individual steam bath to be installed directly at the student's or research chemist's table, and with this device evaporations can be carried on without the necessity of carrying the apparatus back and forth to wall-form steam baths.

The individual steam bath is 6¼ in. in diameter by 4 in. deep, and is furnished with five porcelain concentric rings and one porcelain cover. The bath has a connection for a ⅜ in. steam valve and is furnished with hose connection for draining through a hose into the table trough or sink. Each bath is rigidly supported by the steam supply line and a metal bracket is arranged to be fastened to the edge of the reagent shelf. The bath is constructed of 22 gauge polished monel metal and has a brass hose connection and a brass ⅜ in. male connection for steam line.

No. A-53—Individual Student's Steam Bath, as illustrated and described above.

No. A-54—Individual Student's Steam Bath, as illustrated and described, but equipped with four copper concentric rings in lieu of five porcelain rings.

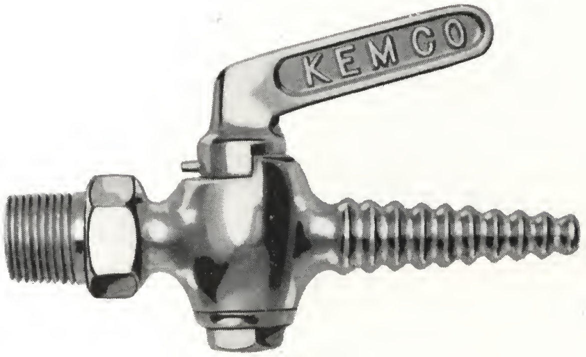


No. A-55

No. A-55 WASTE RECEPTACLE

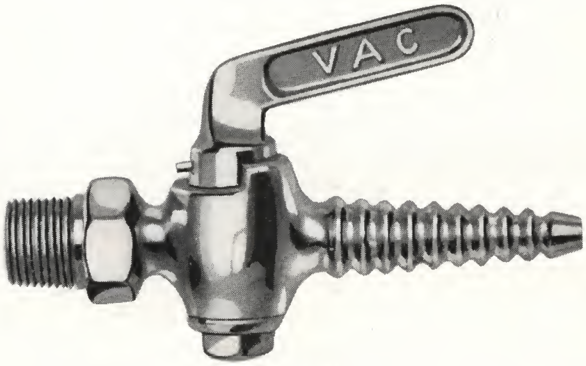
A waste receptacle that will drain used filter papers and other laboratory waste is a great convenience in the laboratory. This waste receptacle is designed to be placed over the trough opening in trough type tables and the perforated well at bottom drains liquids directly into trough. Size 12 in. long x 8 in. wide, with side wall 2 in. deep. Made of chemical proof Ceramicware.

No. A-55—Waste Receptacle as illustrated and described.



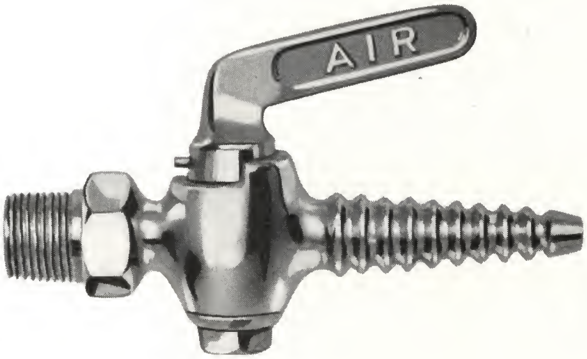
No. A-57

Ten serration gas hose cock with ground seat. Red metal throughout. Handle indexed "Gas." ⅜ in. iron pipe size male connection.



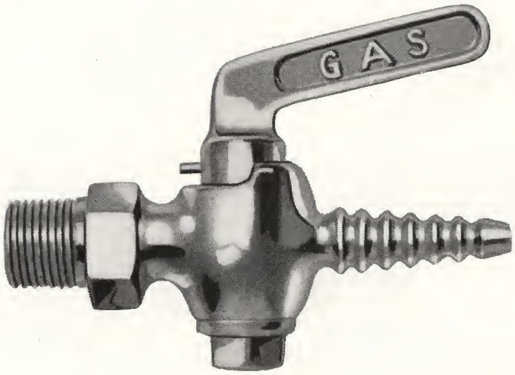
No. A-58

Ten serration long spout hose cock indexed "Vac" for vacuum. ⅜ in. iron pipe size male connection.



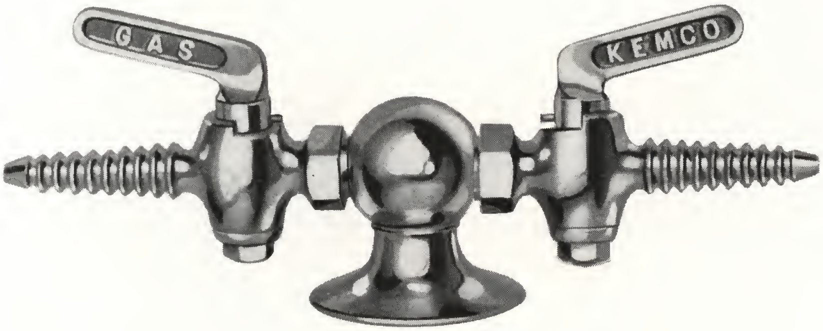
No. A-59

Ten serration air hose cock indexed "Air." ⅜ in. iron pipe size male connection.



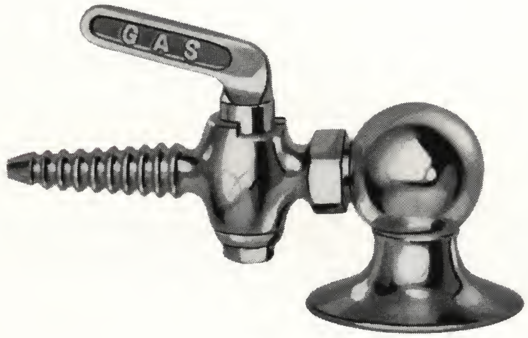
No. A-60

Seven serration gas hose cock indexed "Gas." ⅜ in. iron pipe size male connection.



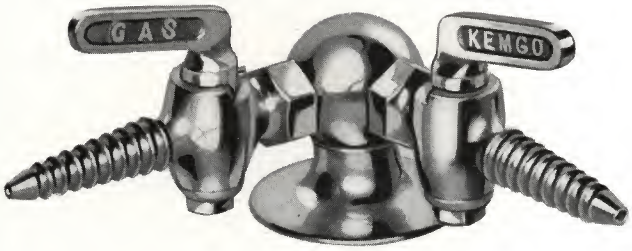
No. A-61

Long spout gas, air or vacuum cock with fittings mounted parallel. ⅜ in. female connection.



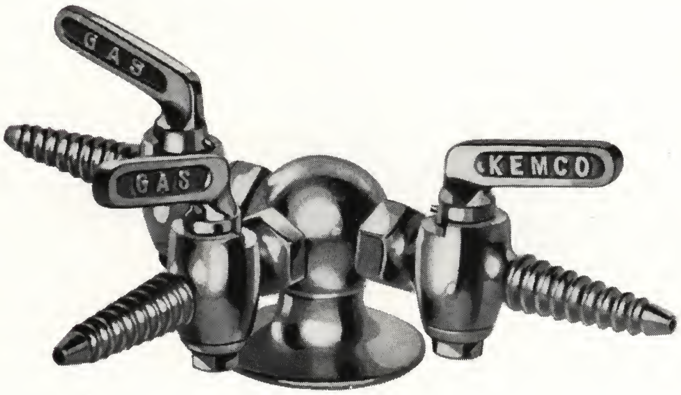
No. A-63

Single long spout gas, air or vacuum cock mounted in standard red metal ball base with integral flange. ⅜ in. female connection.



No. A-64

Double long spout gas, air or vacuum cock with hose connection mounted in standard ball flange at 90 degrees angle.



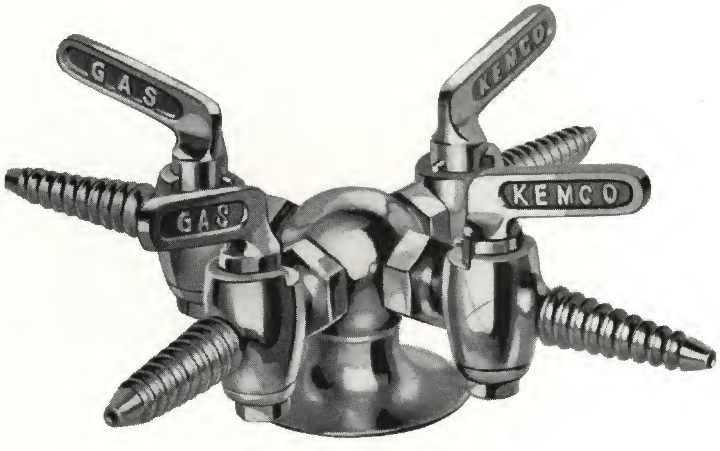
No. A-65

No. A-65

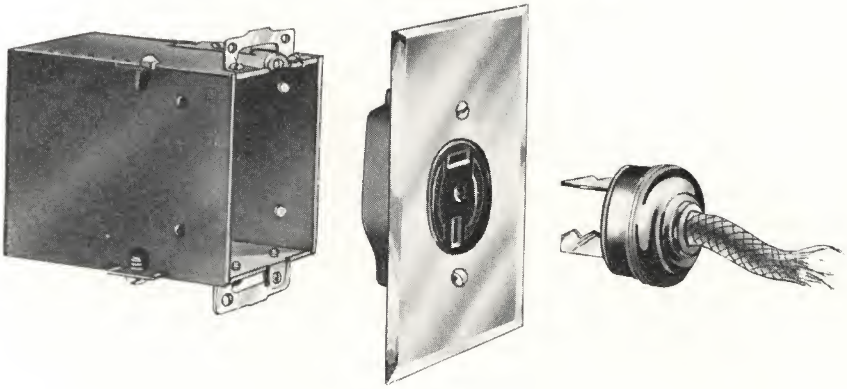
Three-way long spout gas, air or vacuum cock as illustrated. ⅜ in. female connection.

No. A-66

Four-way long spout gas, air or vacuum cock mounted in standard ball flange. ⅜ in. female connection.

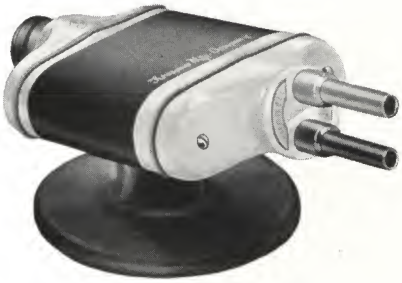


No. A-66



No. A-68

Hubbell Electric Receptacle and flush plate. 10 amp., 150 volt. Complete with box and polarity plug.



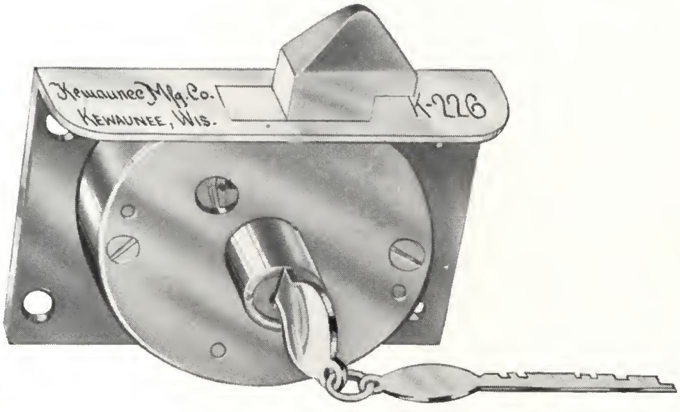
No. A-69

BNM type laboratory electric receptacle complete with porcelain and single pole plugs or polarity plugs, as desired.

No. A-70—Black

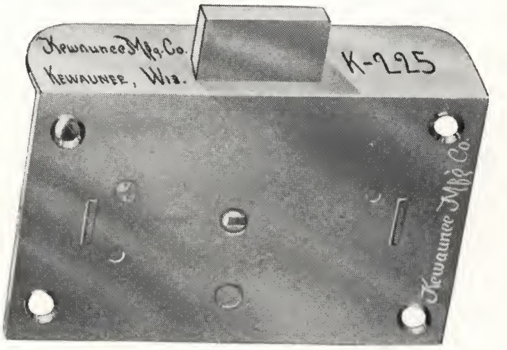
No. A-71—Red

Where direct current experiments are being made, the Kemco single polarity plugs No. A-70 and A-71 illustrated above can be readily traced through to receptacle thus insuring correct connection.



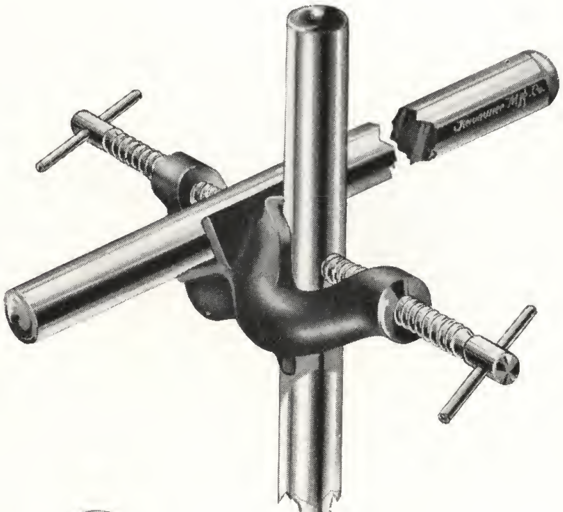
No. K-226

Kemco solid brass, 6 tumbler sliding door lock, equipped with bronze bolt and complete with two nickel silver keys furnished all alike unless specially ordered otherwise.



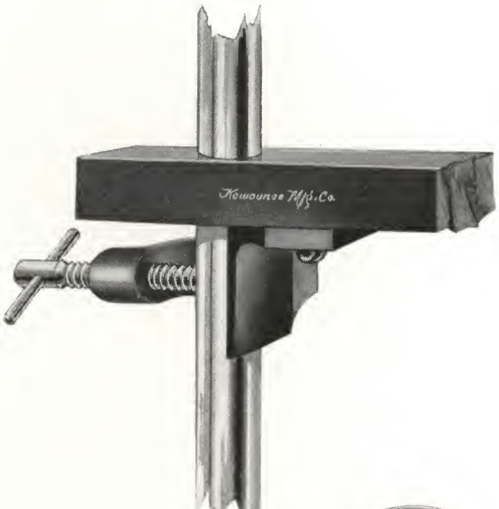
No. K-225

Kemco all brass 6 tumbler swinging door and drawer lock. Heavy brass bolt, has full ⅜ in. throw, masterkeyed regularly to 1200 key changes. Can be grand master keyed to meet all special key change requirements.



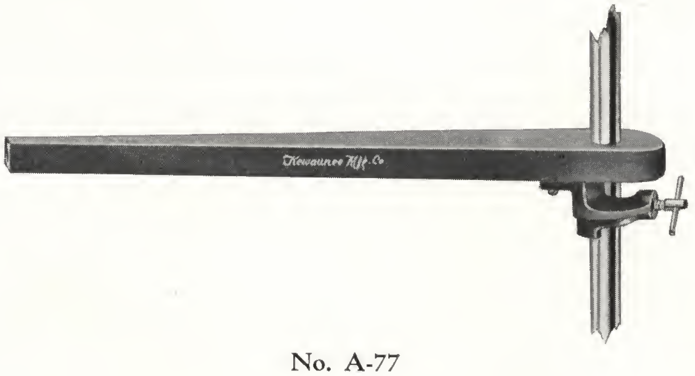
No. A-76

Clamp for attaching Kemco metal cross bars to No. A-80 Kemco upright rods.



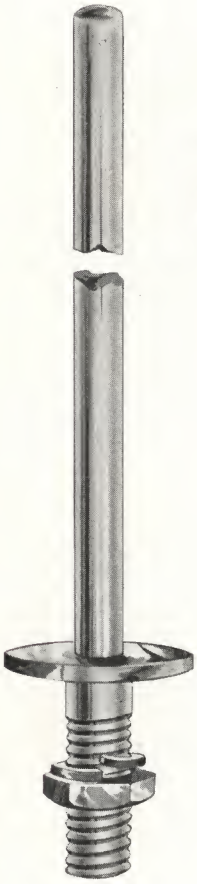
No. A-78

Kemco wood cross bar complete with clamp used with No. A-80 upright rod.



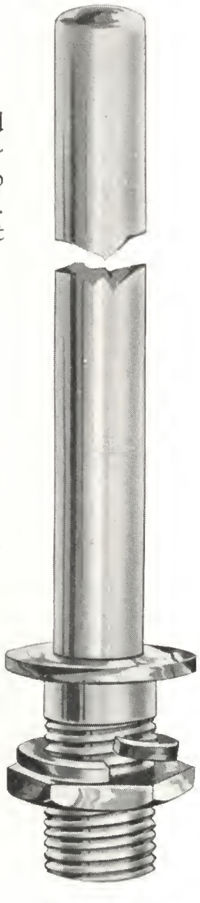
No. A-77

Kemco Greenlaw support arm, complete with clamp, 18 in. long overall.



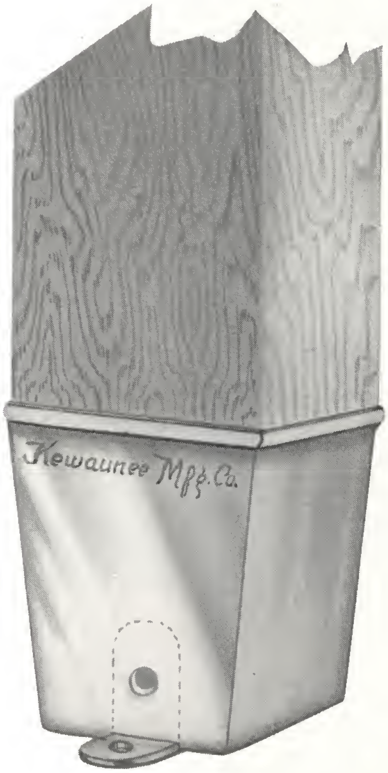
No. A-79

Burette rod complete with red metal flush plate. Burette rod 10 mm. in diameter, 40 cm. long. Polished nickel plated Bessemer steel.

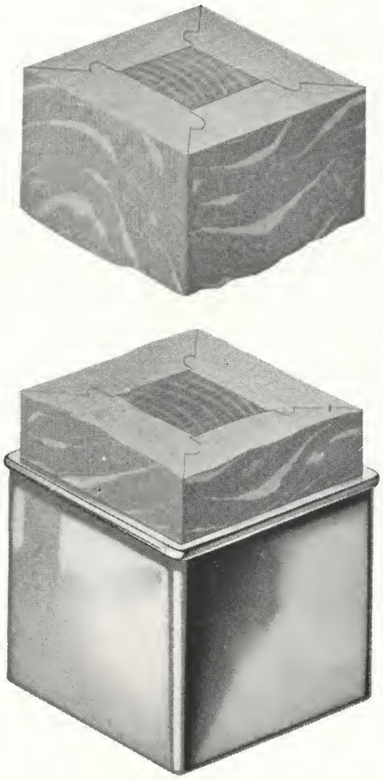


No. A-80

Upright rod complete with Kemco red metal flush plate. Upright rod 19 mm. in diameter, 100 cm. long. Polished nickel plated Bessemer steel.


Kewaunee Mfg. Co.

No. A-83



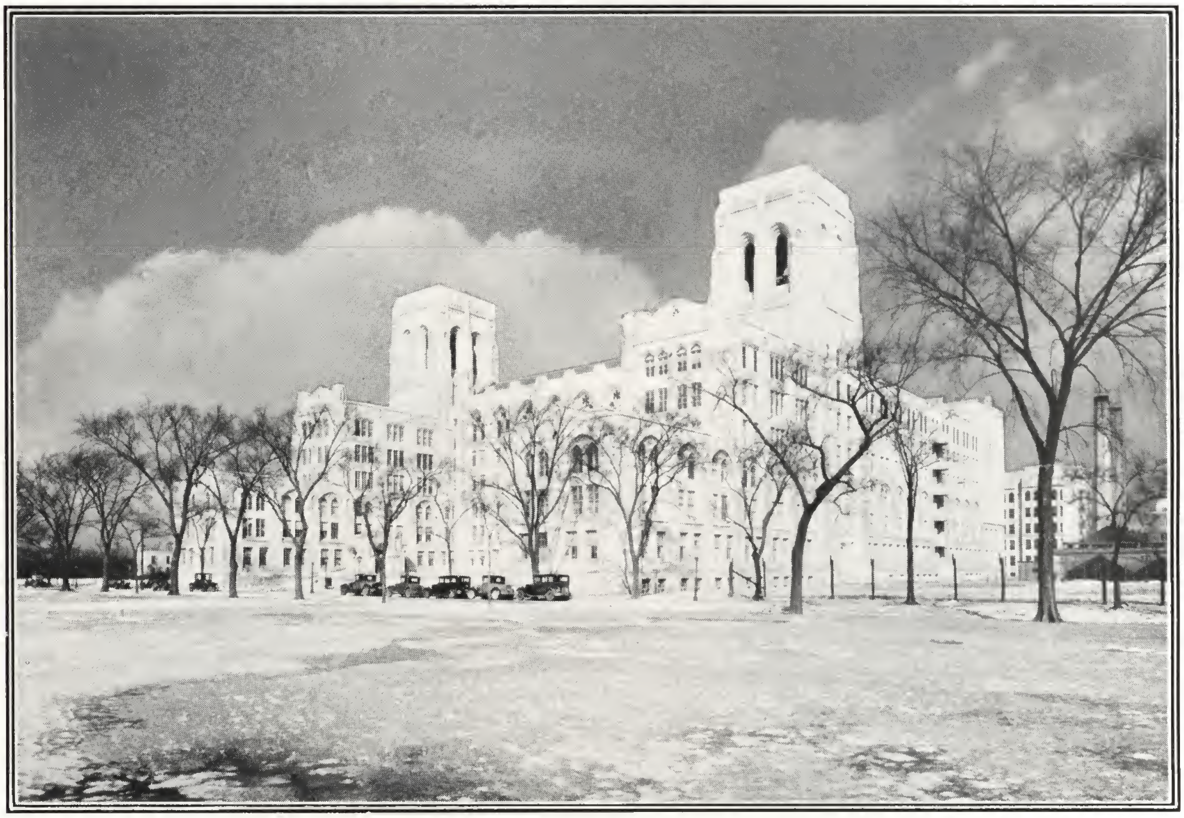
No. A-84

Kemco aluminum sockets furnished to fit 1¾ in., 2 in. and 2⅝ in. square legs. The Kemco aluminum socket is heavily built of pure aluminum and has demonstrated itself as a very serviceable leg socket for ordinary laboratory and furniture usage.

The socket is so designed that metal lugs can be used if desired to securely anchor equipment to the floor.

Monel Metal leg sockets furnished to fit 2¼ in. and 2⅝ in. square legs. The monel metal socket is recommended for use where high resistance to chemical corrosion is required.

Monel Metal leg sockets are recommended for use in those laboratories where chemical corrosion renders less resistant leg sockets unsatisfactory.



MEDICAL UNIT — UNIVERSITY OF CHICAGO, CHICAGO, ILL.
Coolidge & Hodgdon, Architects, Chicago, Ill.

SOME NOTABLE ACHIEVEMENTS

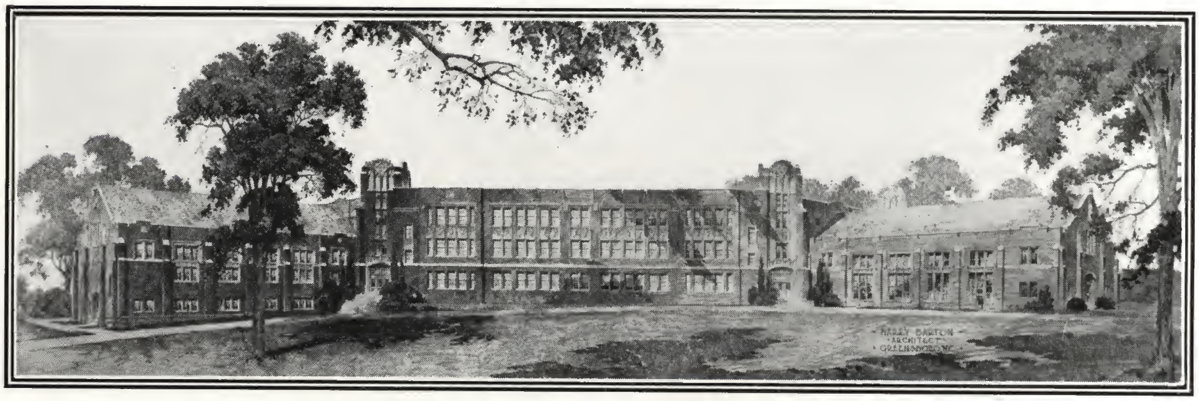
THE illustration above pictures the beautiful group of buildings occupied by the University of Chicago's Medical Unit. One of the largest and most complete Medical Schools and Hospitals in the world is completely housed within this group of buildings. The Laboratory Furniture and Equipment throughout was furnished and installed by the Kewaunee Manufacturing Company, and represents the **largest single contract** for Laboratory furniture and kindred equipment **ever placed in the Laboratory Furniture Industry.**

The detailing, engineering, manufacturing and erecting of this equipment represents a noteworthy achievement in the Laboratory Furniture Industry. A task of this magnitude calls for the services of a corps of highly trained engineers and draftsmen. It makes necessary large and efficiently equipped factories, manned by skilled and experienced craftsmen. It requires a large stock of properly seasoned lumber and other materials, necessitates a large crew of trained erection and installation mechanics, and the firm executing a contract of this size must be soundly and strongly financed. All of these conditions entered strongly into the award of this contract to Kewaunee.

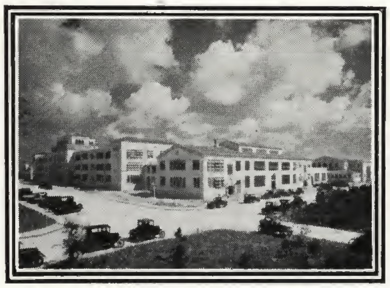
It is with an equal pride in tasks well done, that we refer to your attention the photographs of other beautiful buildings shown on the following pages, which have been equipped with Kewaunee Laboratory, Vocational, or Home Economics Equipment.

SCHOOL OF MEDICINE — YALE UNIVERSITY, NEW HAVEN, CONN.
Henry C. Pelton, Architect, New York City.

MENDEL SCIENCE HALL—COLLEGE OF ST. CATHERINE, ST. PAUL, MINN.
H. A. Sullwold, Architect, St. Paul, Minn.



HIGH POINT HIGH SCHOOL — HIGH POINT, N. C.
Harry Barton, Architect, Greensboro, N. C.

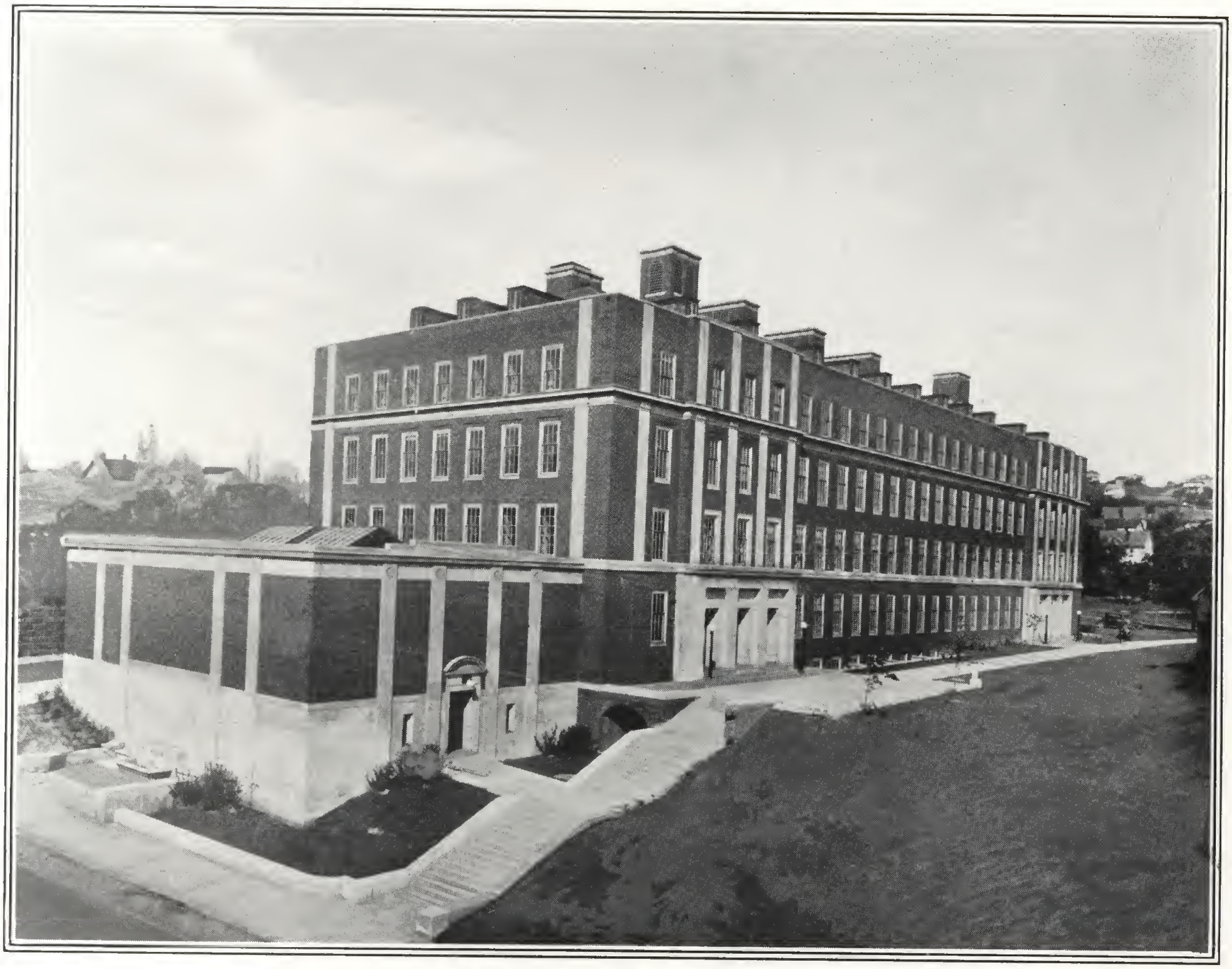


SENIOR HIGH SCHOOL
MIAMI, FLA.
Kiehnel & Elliott, Architects
Miami, Fla.

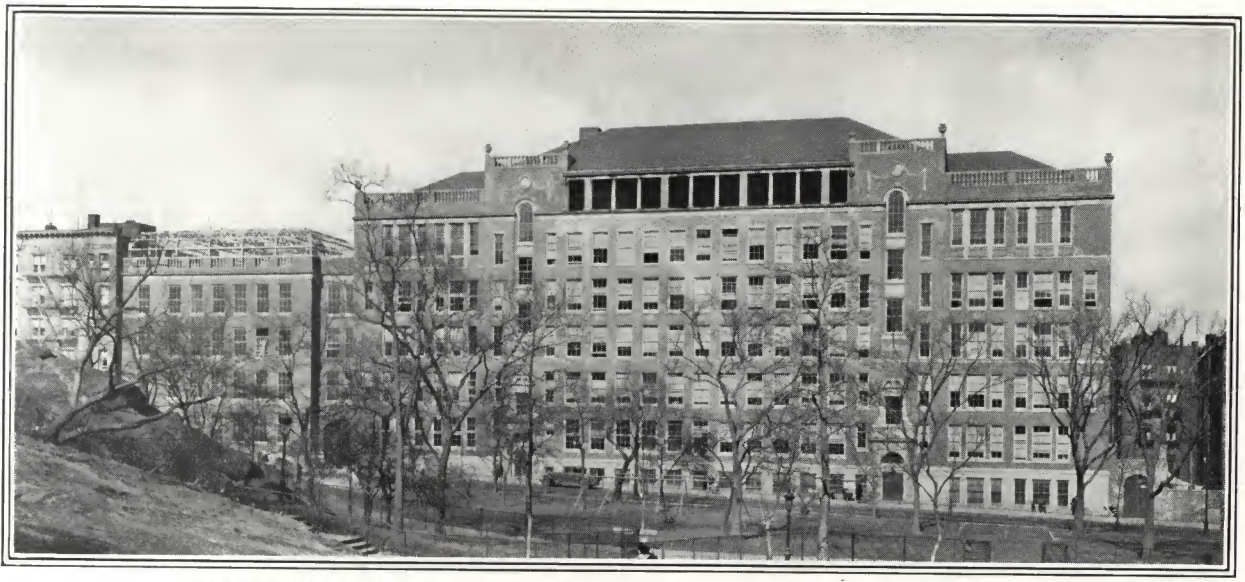
SCHULL JR. HIGH SCHOOL
EASTON, PA.
Wm. M. Muhler, Architect
Easton, Pa.

CLAYMONT HIGH SCHOOL
CLAYMONT, DEL.
Coffin & Coffin, Architects
New York City

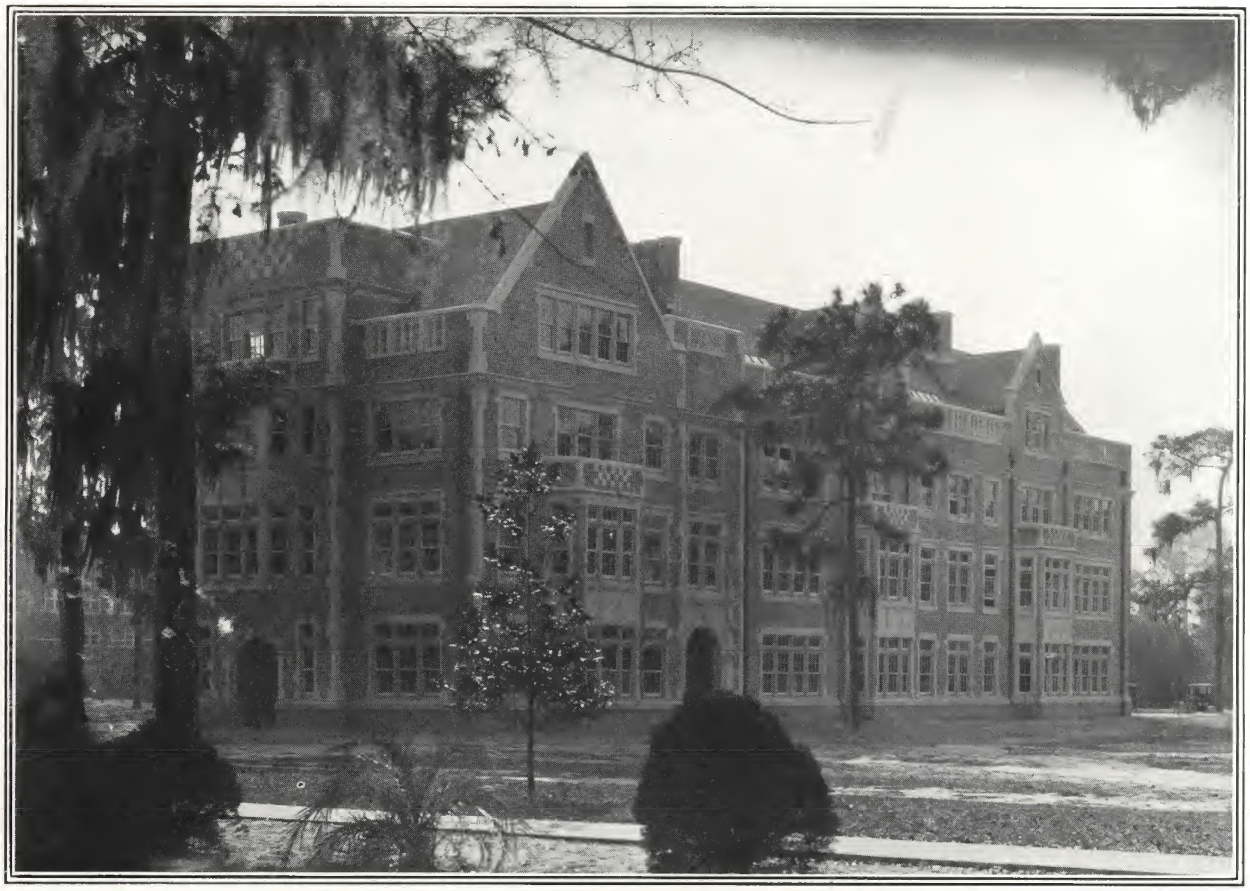
BOLTON HIGH SCHOOL — ALEXANDRIA, LA.
Favrot & Livaudais, Architects, New Orleans, La.



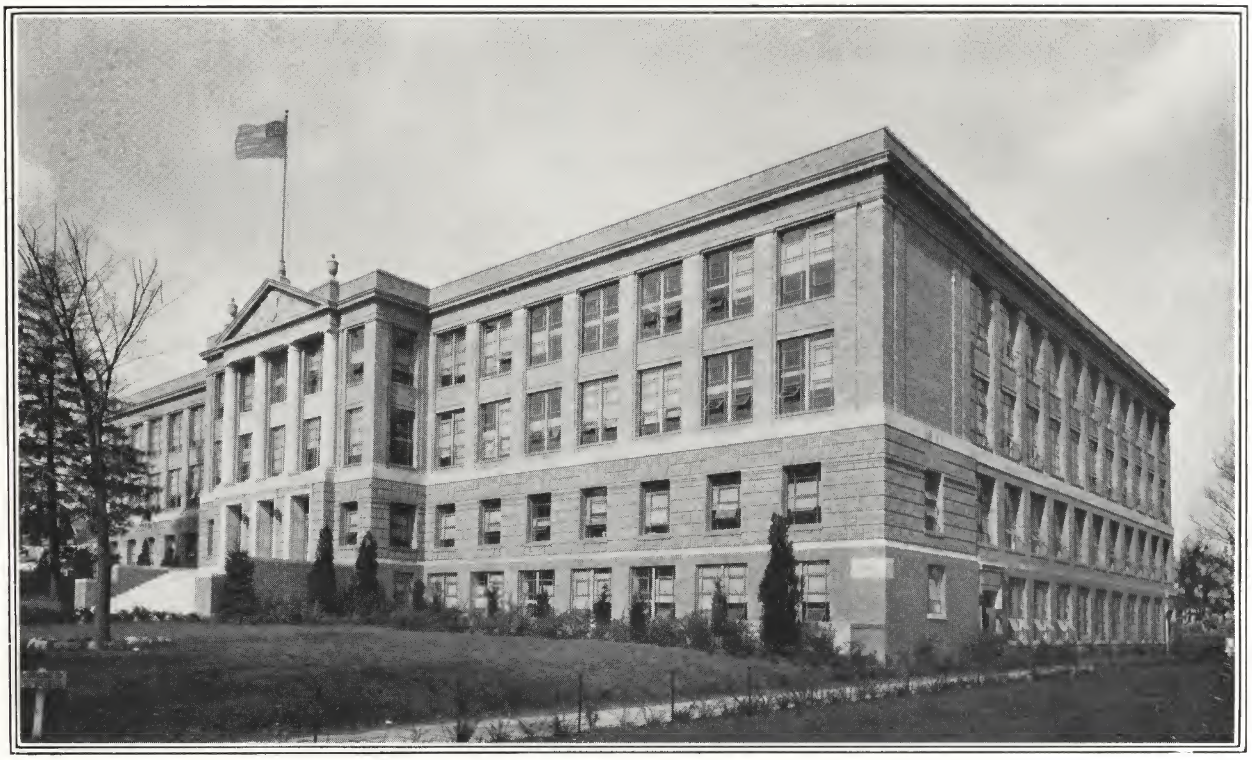
CHEMISTRY BUILDING — UNIVERSITY OF WEST VIRGINIA, MORGANTOWN, W. VA.
Davis, Dunlap & Barney, Architects, Philadelphia, Pa.



LINCOLN SCHOOL OF TEACHERS COLLEGE — COLUMBIA UNIVERSITY, NEW YORK CITY
Starrett & Van Vleck, Architects, New York City

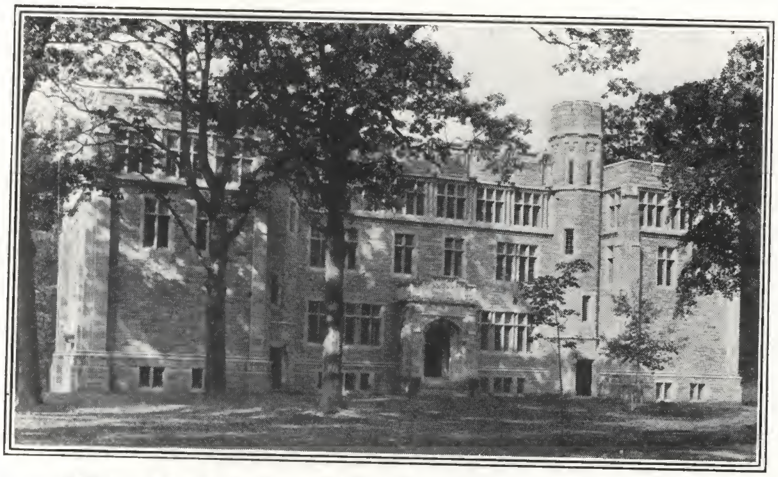


NEW SCIENCE BUILDING — UNIVERSITY OF FLORIDA, GAINESVILLE, FLA.
Rudolph Weaver, Architect to the Board of Control, Institutions of Higher Learning, State of Florida

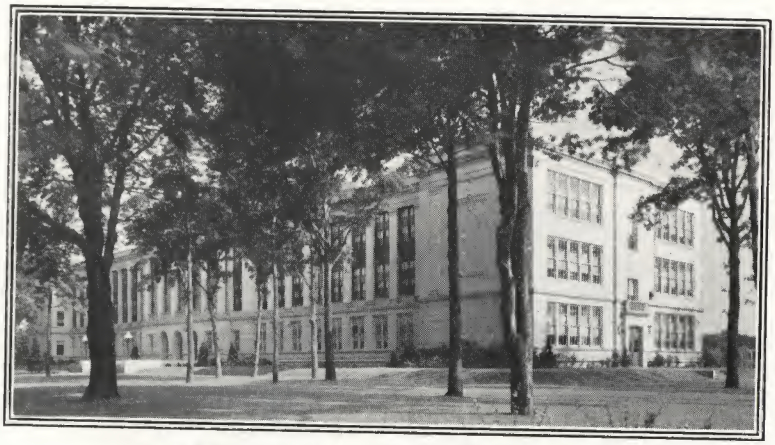


FRANK H. MORRELL HIGH SCHOOL — IRVINGTON, N. J.
Donn Barber, Architect, New York City

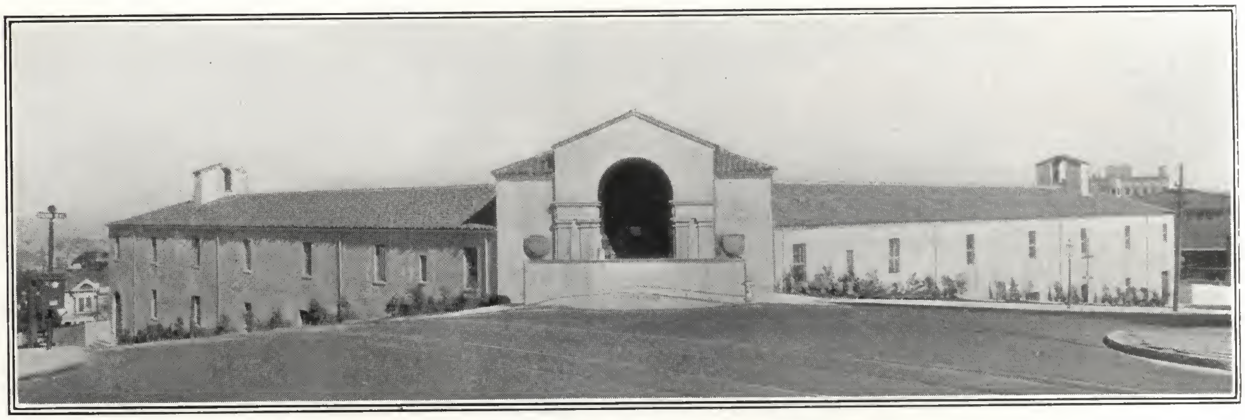
NEW CHEMISTRY BUILDING
UNIVERSITY OF MARYLAND, COLLEGE PARK, MD.
Smith & May, Architects, Baltimore, Md.



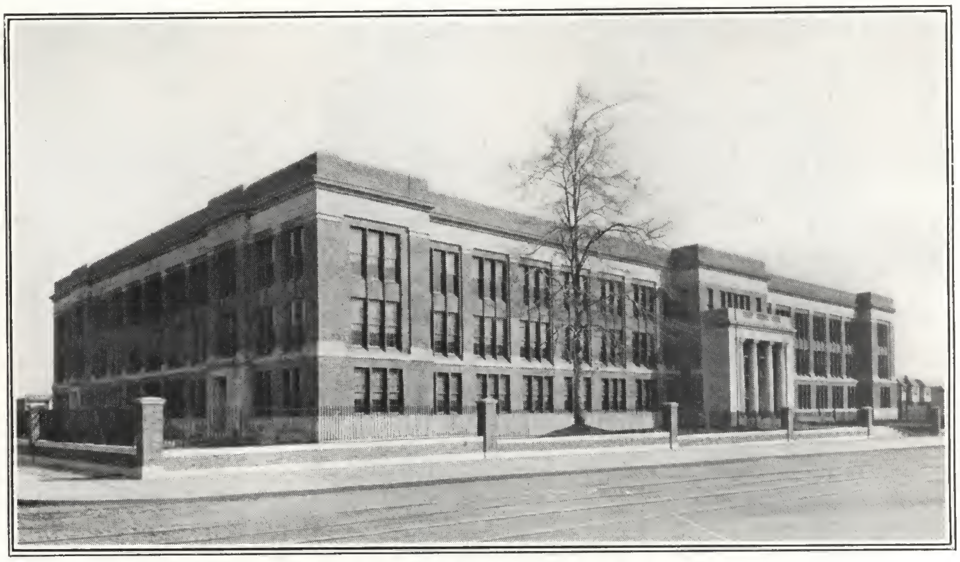
SAMUEL MATHER SCIENCE HALL — KENYON COLLEGE, GAMBIER, O.
Abram Garfield, Architect, Cleveland, O.



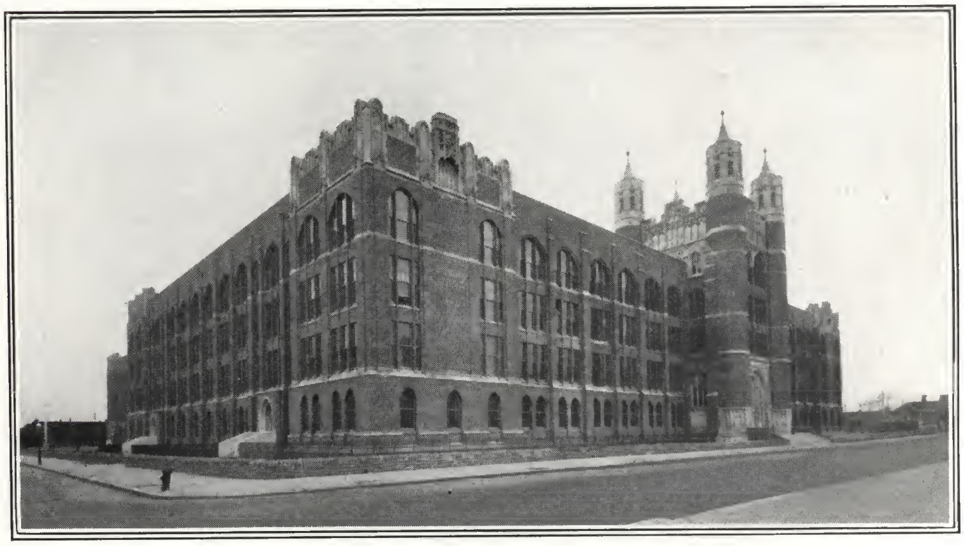
NEW HIGH SCHOOL — ASBURY PARK, N. J.
Ernest A. Arend, Architect, Asbury Park, N. J.



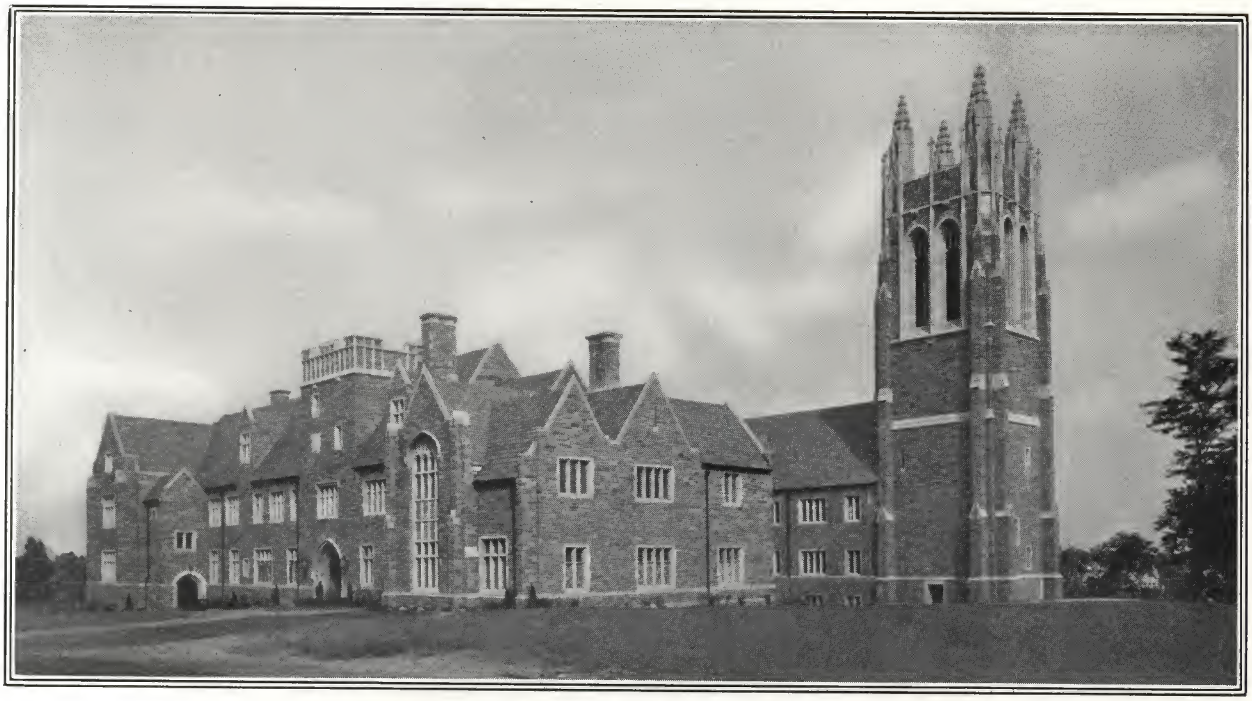
STATE TEACHERS COLLEGE — SAN FRANCISCO, CAL.
Plans by State Architectural Dept.



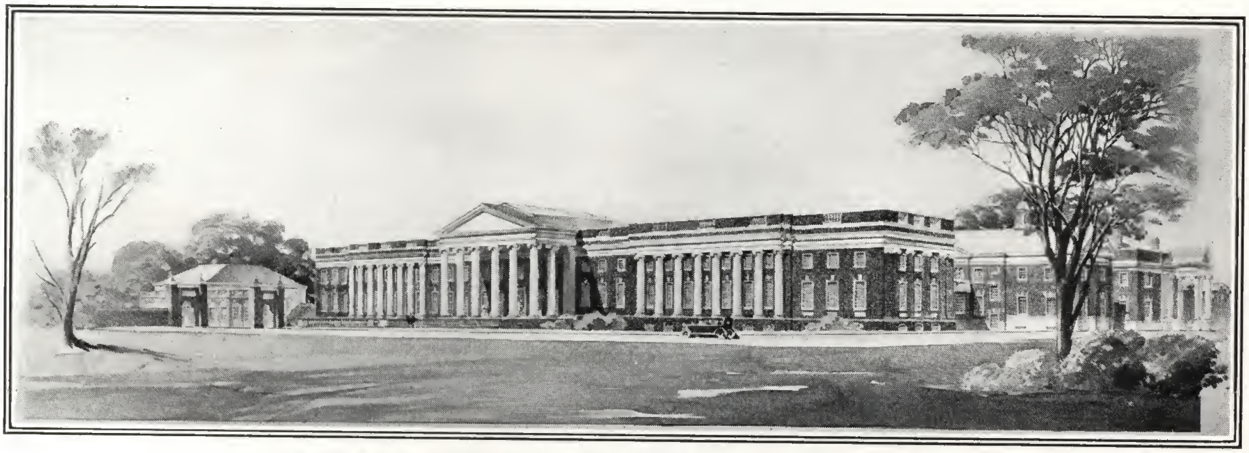
WAGNER JUNIOR HIGH SCHOOL — PHILADELPHIA, PA.
Irwin T. Catharine, Architect, Philadelphia, Pa.



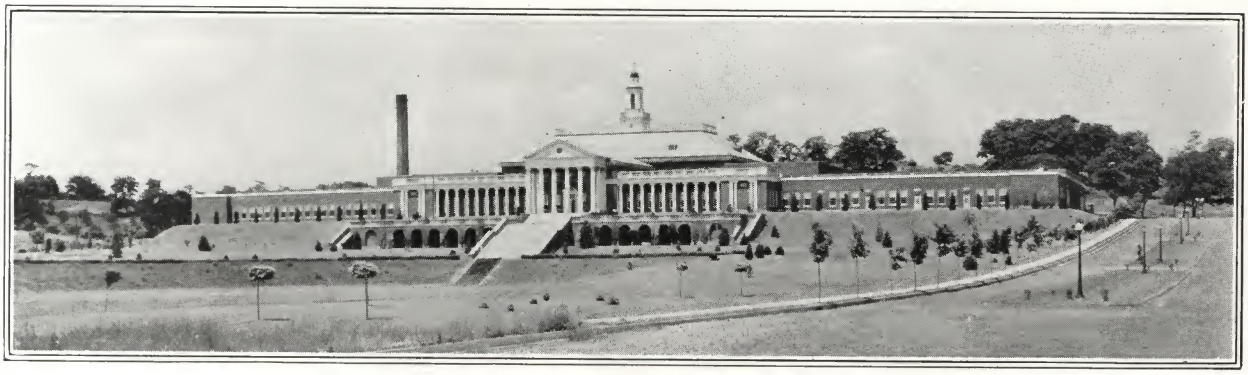
GILLESPIE JUNIOR HIGH SCHOOL — PHILADELPHIA, PA.
Irwin T. Catharine, Architect, Philadelphia, Pa.



ST. JOSEPH'S COLLEGE — PHILADELPHIA, PA.
Emile Perrot, Architect, Philadelphia, Pa.



UNIVERSITY OF VIRGINIA MEDICAL SCHOOL — CHARLOTTEVILLE, VA.
Coolidge, Shepley, Bulfinch & Abbott, Architects, Boston, Mass.



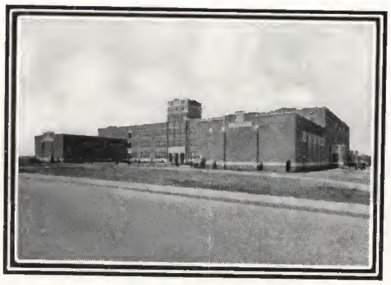
HANDLEY HIGH SCHOOL — WINCHESTER, VA.
W. R. McCormick, Architect, Cleveland, O.

WASHINGTON IRVING HIGH SCHOOL — TARRYTOWN, N. Y.
Guilbert & Betelle, Architects, Newark, N. J.

OVERBROOK SENIOR HIGH SCHOOL — PHILADELPHIA, PA.
Irwin T. Catharine, Architect, Philadelphia, Pa.

NEW HIGH SCHOOL — GREENWICH, CONN.
Guilbert & Betelle, Architects, Newark, N. J.

EAST DENVER HIGH SCHOOL
DENVER, COLO.
Geo. H. Williamson, Architect
Denver, Colo.

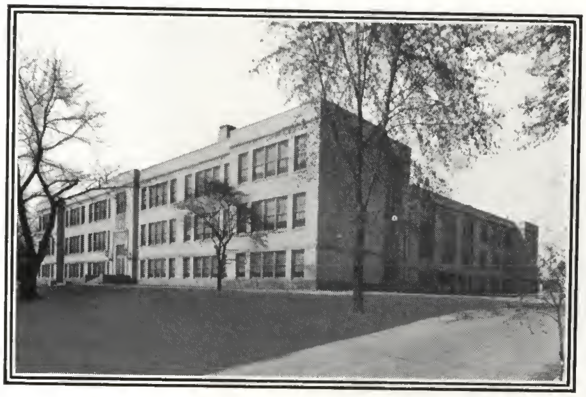


LIBERTY HIGH SCHOOL
BETHLEHEM, PA.
Verus Ritter, Architect, Philadelphia, Pa.

JUNIOR HIGH SCHOOL
PENSAUKEN, N. J.
Arnold Moses, Architect, Camden, N. J.

GARFIELD HEIGHTS HIGH SCHOOL — CLEVELAND, O.
Fulton & Taylor, Architects, Cleveland, O.

STATE NORMAL SCHOOL — CORTLAND, N. Y.
Sullivan W. Jones, State Architect, Albany, N. Y.

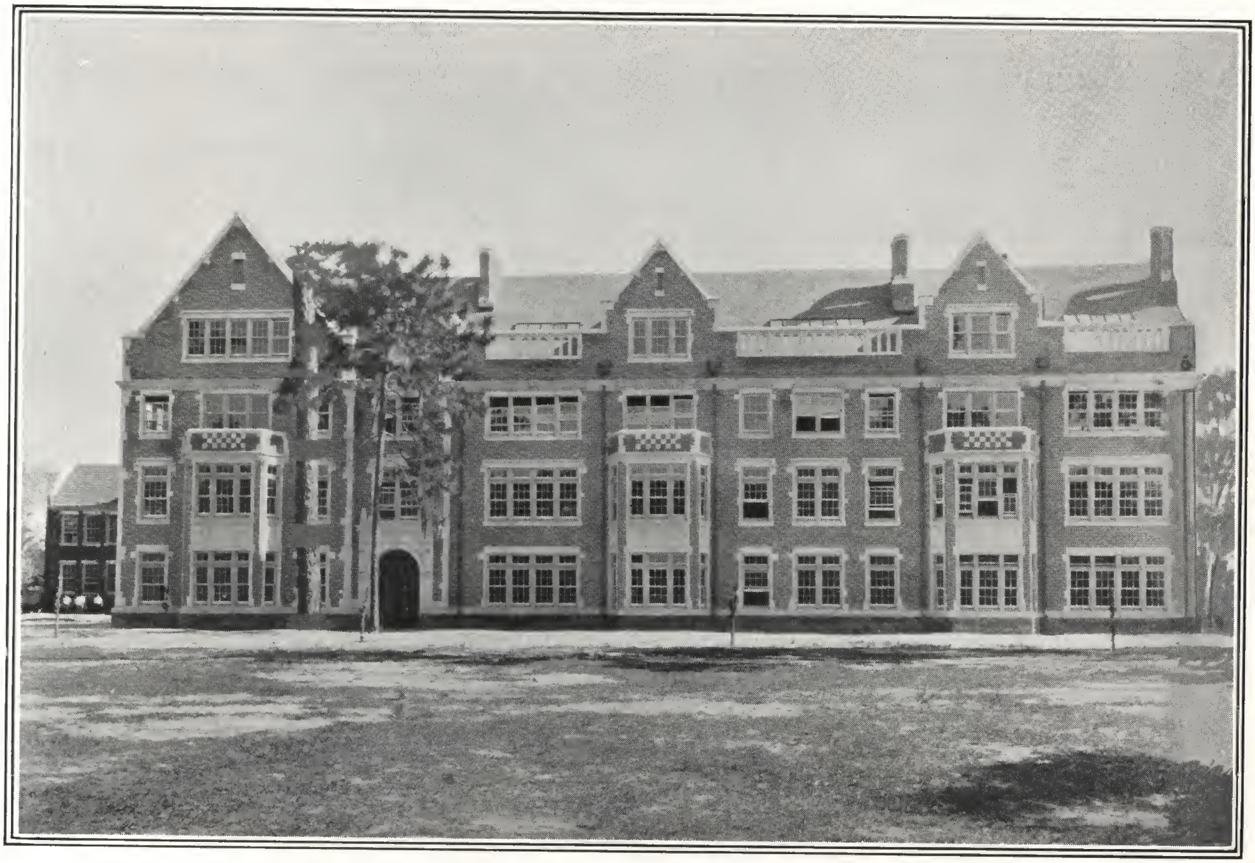


HIGH SCHOOL — NEW ALBANY, IND.
W. C. Findt, Architect, New Albany, Ind.

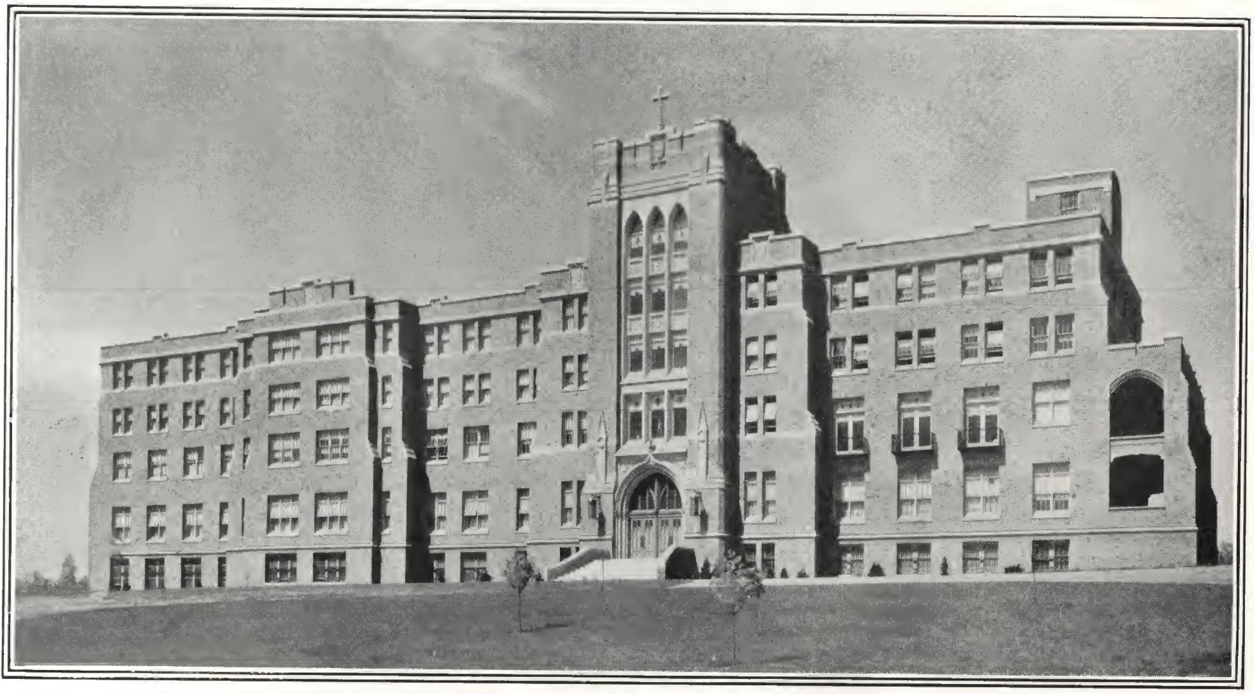
AVON COLLEGE — AVON, CONN.
Theodate Pope, Architect, Farmington, Conn.

TEMPLE UNIVERSITY — PHILADELPHIA, PA.
William H. Lee, Architect, Philadelphia, Pa.

HIGH SCHOOL — FLINT, MICH.
Malcomson & Higginbotham, Architects, Detroit, Mich.



EUTHENICS BUILDING — VASSAR COLLEGE, POUGHKEEPSIE, N. Y.
York & Sawyer, Architects, New York City.



MT. ST. MARY'S ACADEMY — NEWBURGH, N. Y.
Emile G. Perrot, Architect, Philadelphia and New York

PHYSICS AND GENERAL SCIENCE FURNITURE

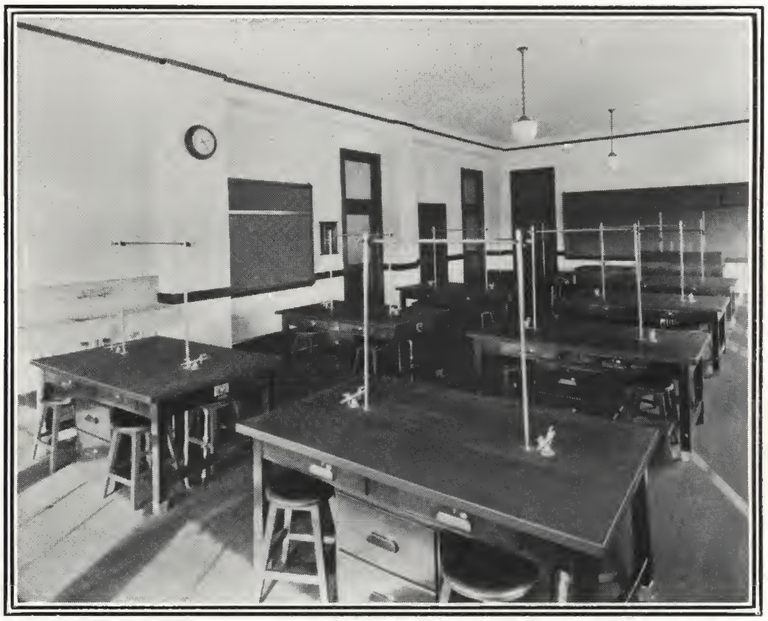
We list in the Physics and General Science Section a wide variety of Students' Tables, suitable for use in Physics and General Science Laboratories.

The requirement for a students' General Science Table varies greatly in accordance with the courses taught. Some courses require only a plain table with a minimum of equipment, while in others, where the student is grounded more thoroughly in the various branches of science, the Laboratory Tables used may require most of the services furnished on the Combination Science Table.

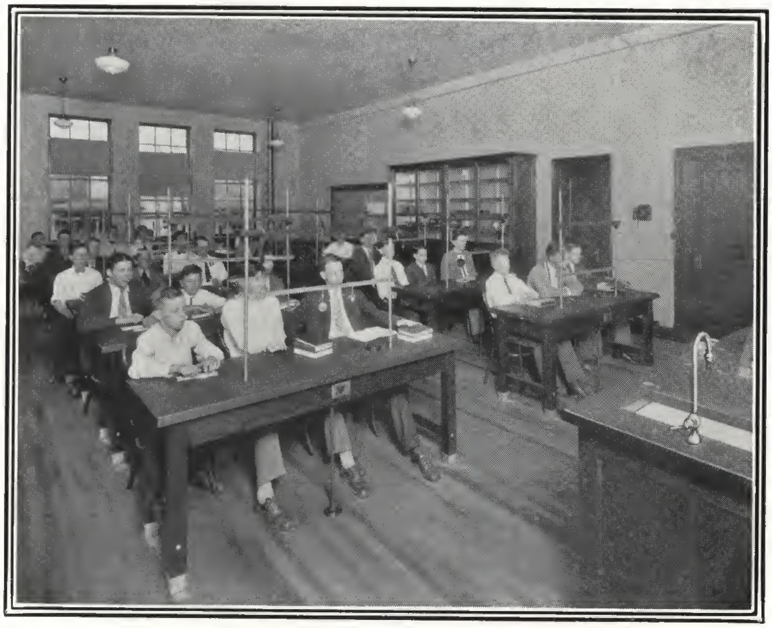
For most purposes, the General Science Tables listed in this section will serve the requirements of the ordinary General Science Laboratory. We would, however, suggest the careful perusal of the Combination Science Tables in Section No. 3, should more complex equipment be desired.

The Physics Tables shown in this section offer a wide range in design and equipment and will, we believe, meet most any requirement in the Laboratory to be equipped solely for the teaching of Physics. Where Physics is taught in the Combination Laboratory used for teaching several sciences, we would refer you to the Combination Science Tables shown in Section No. 3.

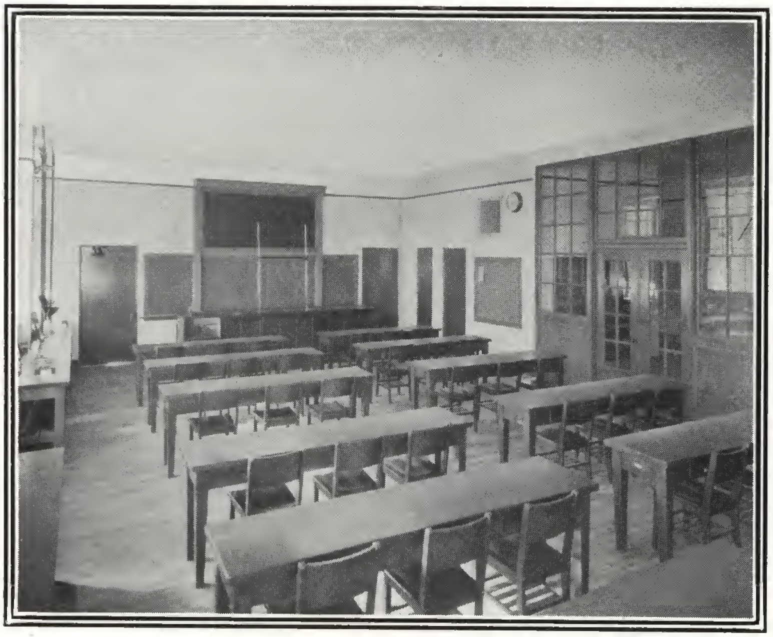
Any desired arrangement of D. C. electrical outlets can be furnished on any of our Physics Tables in conjunction with the use of a D. C. generator, Storage Batteries and Laboratory Switch Board. We are prepared to furnish any desired type of Laboratory Switch Board complete with generator and battery and will be glad to suggest electrical equipment to meet your individual requirements.



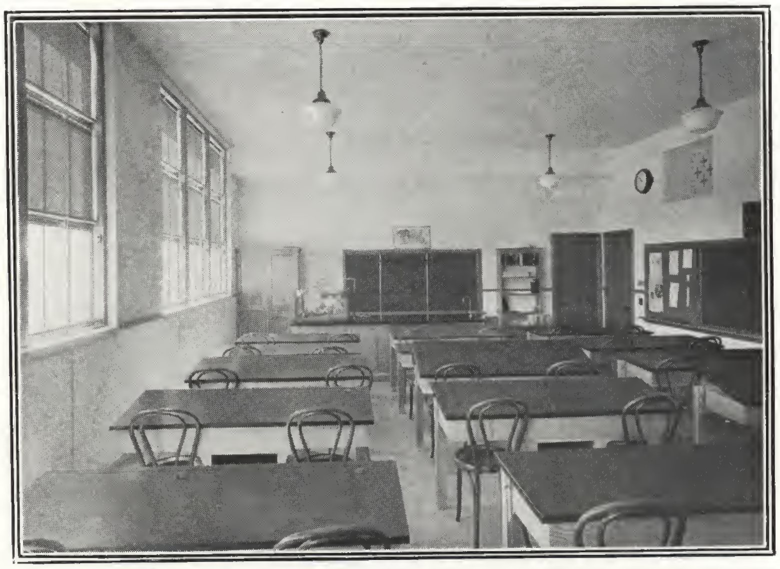
PHYSICS LABORATORY — BOLTON HIGH SCHOOL
ALEXANDRIA, LA.



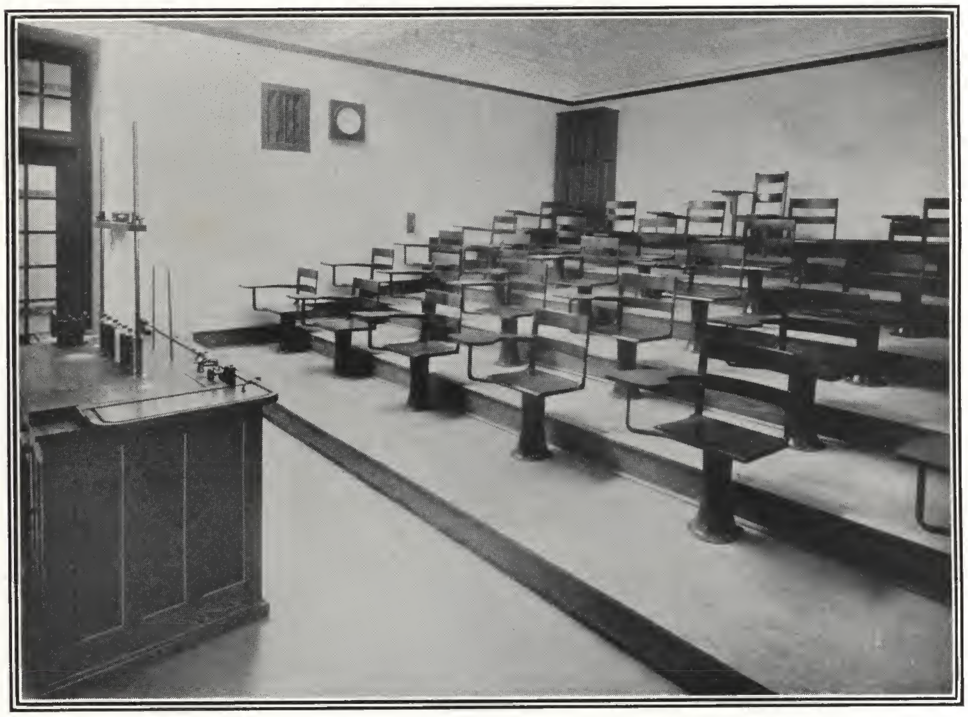
PHYSICS LABORATORY EQUIPPED WITH THREE-STUDENT TABLES
HIGH SCHOOL, KANSAS CITY, KAN.



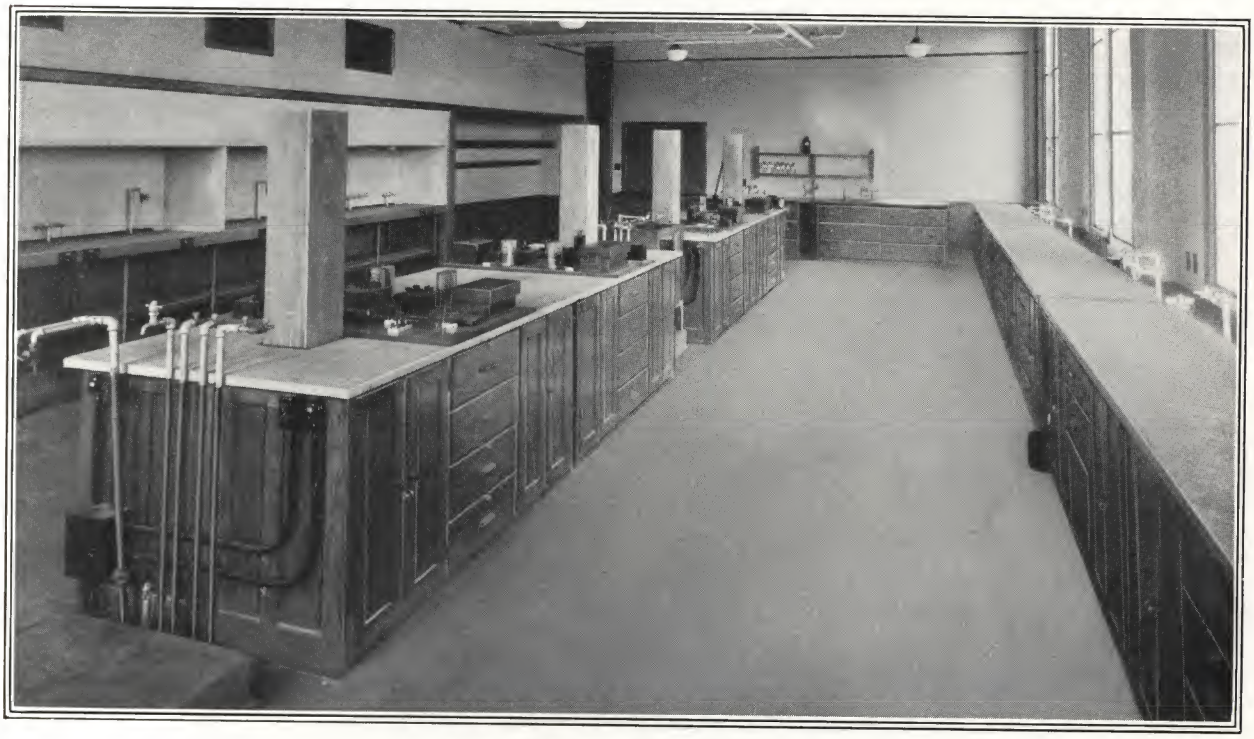
PHYSICS AND GENERAL SCIENCE LABORATORY
EAST DENVER HIGH SCHOOL, DENVER, COLO.



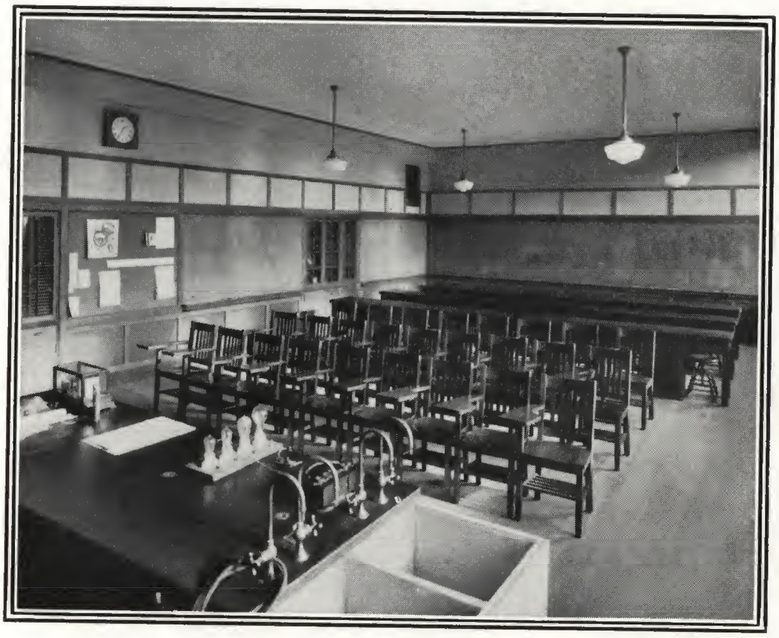
PHYSICS AND GENERAL SCIENCE LABORATORY
HIGH SCHOOL, MIAMI, FLA.



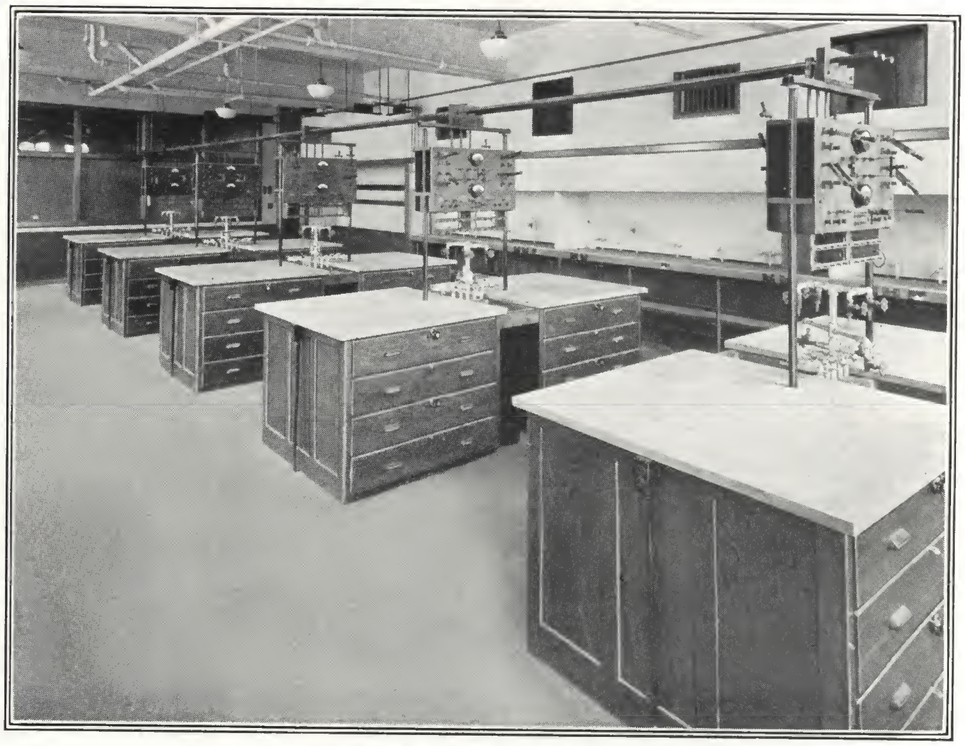
PHYSICS LECTURE ROOM
EL PASO HIGH SCHOOL, EL PASO, TEXAS



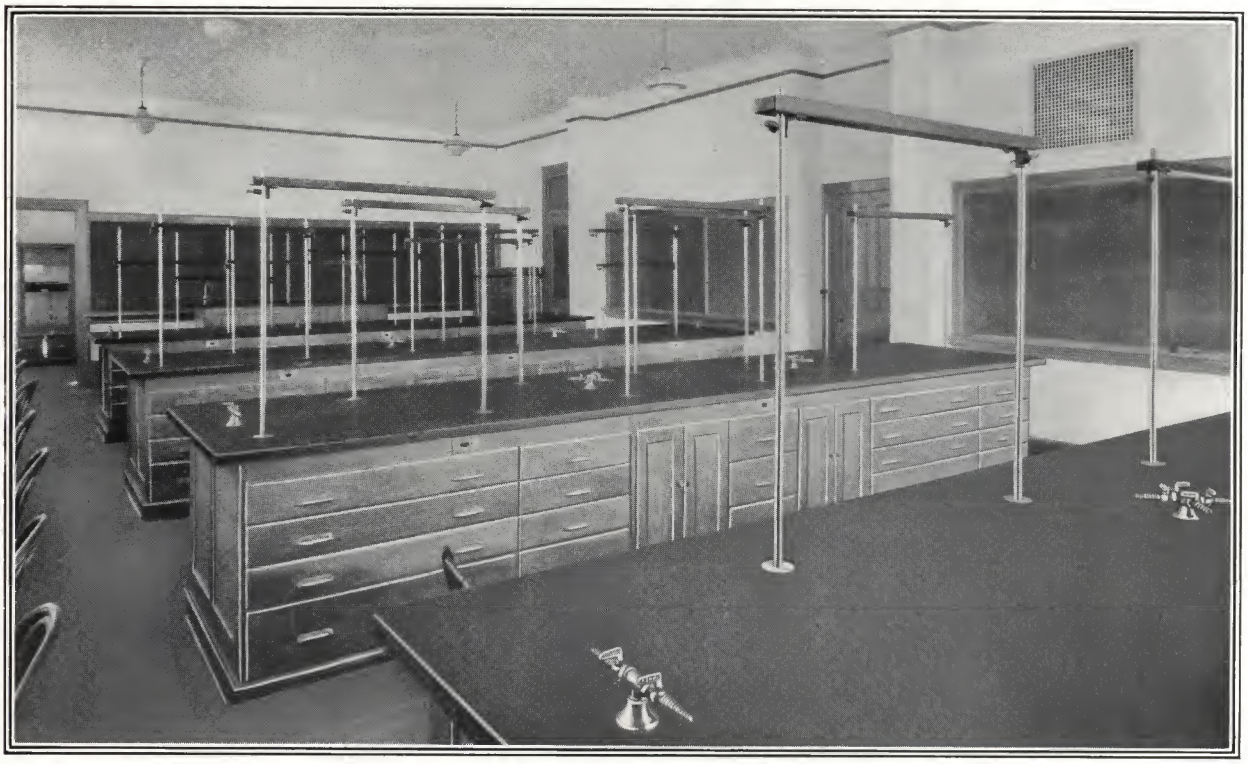
PHYSICAL SCIENCE LABORATORY
MICHIGAN STATE AGRICULTURAL COLLEGE, EAST LANSING, MICH.



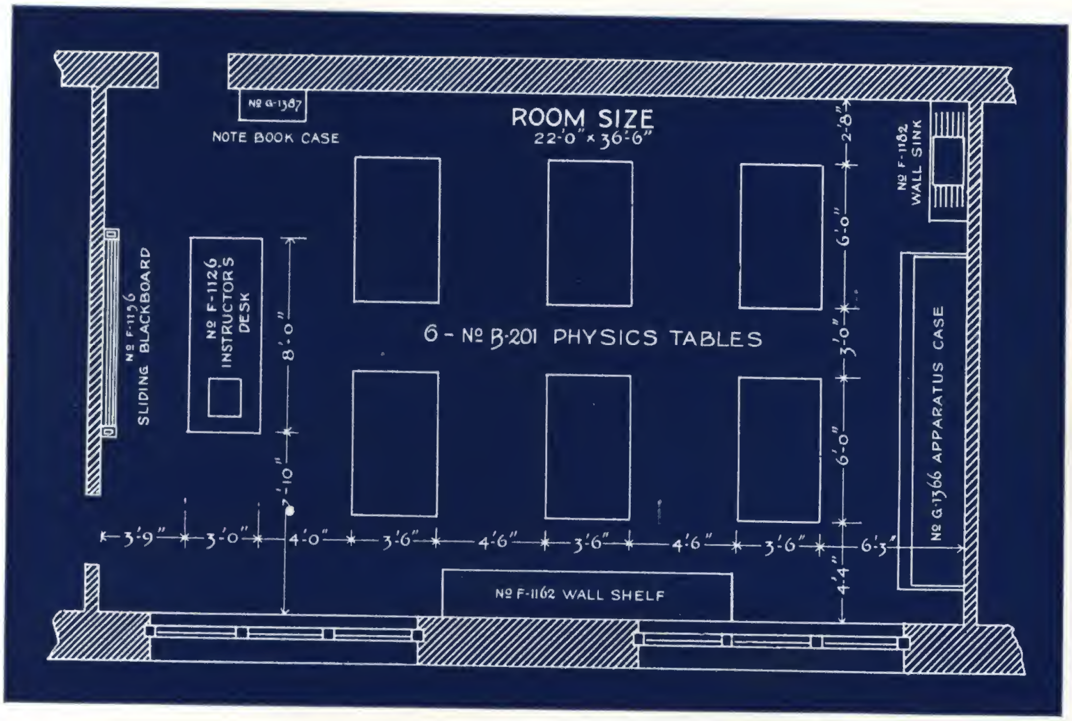
COMBINED SCIENCE AND LECTURE ROOM
LINCOLN SCHOOL OF TEACHERS COLLEGE, COLUMBIA UNIVERSITY
NEW YORK CITY



PHYSICS LABORATORY
MICHIGAN STATE AGRICULTURAL COLLEGE, EAST LANSING, MICH.



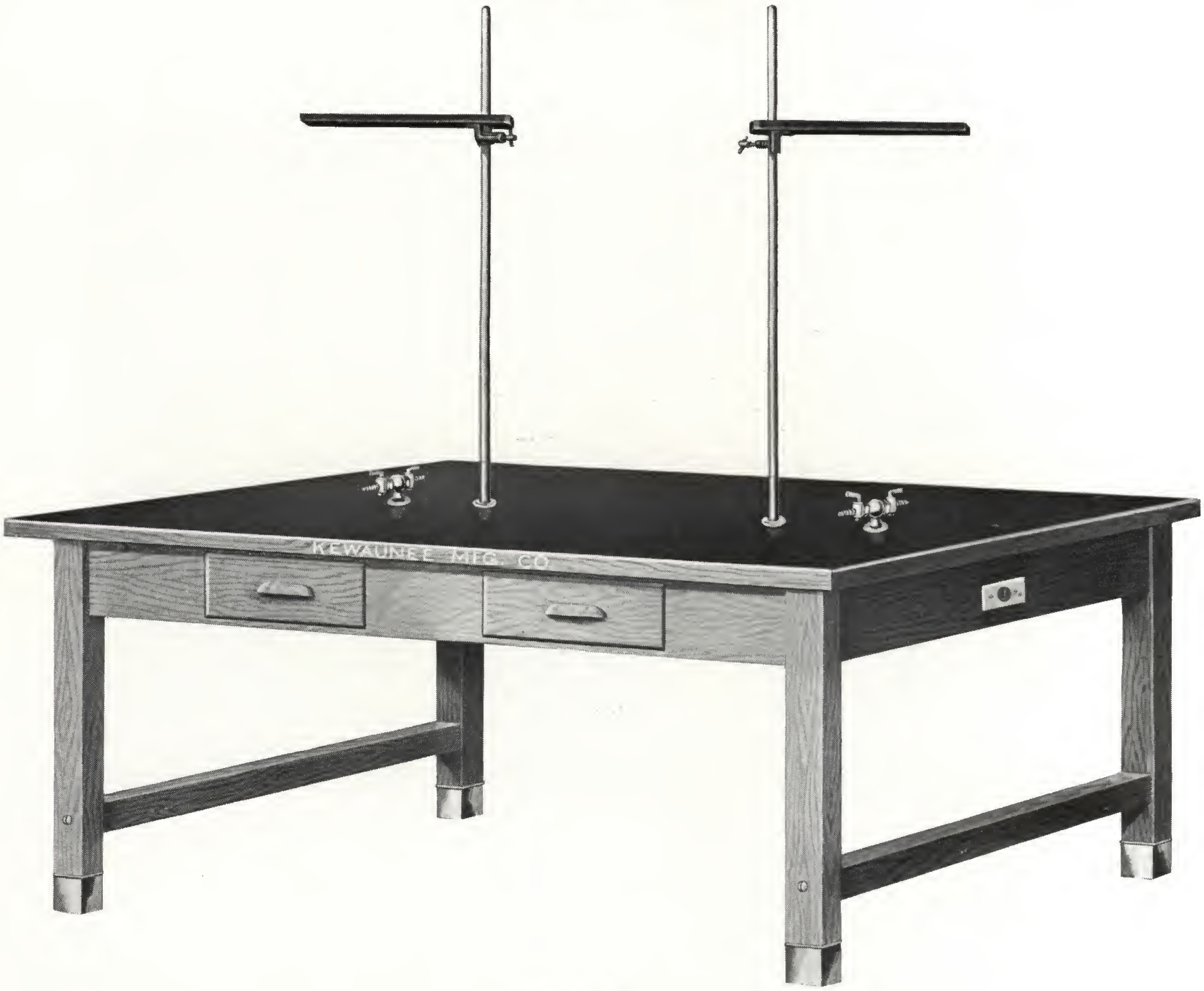
PHYSICS LABORATORY
STATE NORMAL SCHOOL, CORTLAND, NEW YORK



PHYSICS LABORATORY PLAN A

Where it is not desired to use the Physics Laboratory as a Combination Science Laboratory, the Physics Laboratory Plan A shown above permits excellent accommodations. Six 4 student tables are used that accommodate sections of 24 students in the laboratory and the layout shown is economical and complete. The following equipment is included:

6 No. B-201 Physics Tables.
1 No. F-1126 Instructor's Desk.
1 No. F-1162 Wall Shelf.
1 No. G-1366 Apparatus Case.
1 No. F-1182 Wall Sink
1 No. G-1387 Notebook Case.
1 No. F-1156 Sliding Blackboard.



No. B-201

No. B-201 PHYSICS TABLE

This six foot, four student double Physics Table is equipped with the Kemco Inlaid Linoleum top. The four drawers provide drawer space for one section when equipped with locks. This table is very heavily and rigidly constructed and is provided with heavy leg stretchers. Electricity, gas and upright support rods provide all necessary services. The Greenlaw support bars can be swung out over the ends of the table, thus allowing full length to floor pendulum experiments.

SPECIFICATIONS

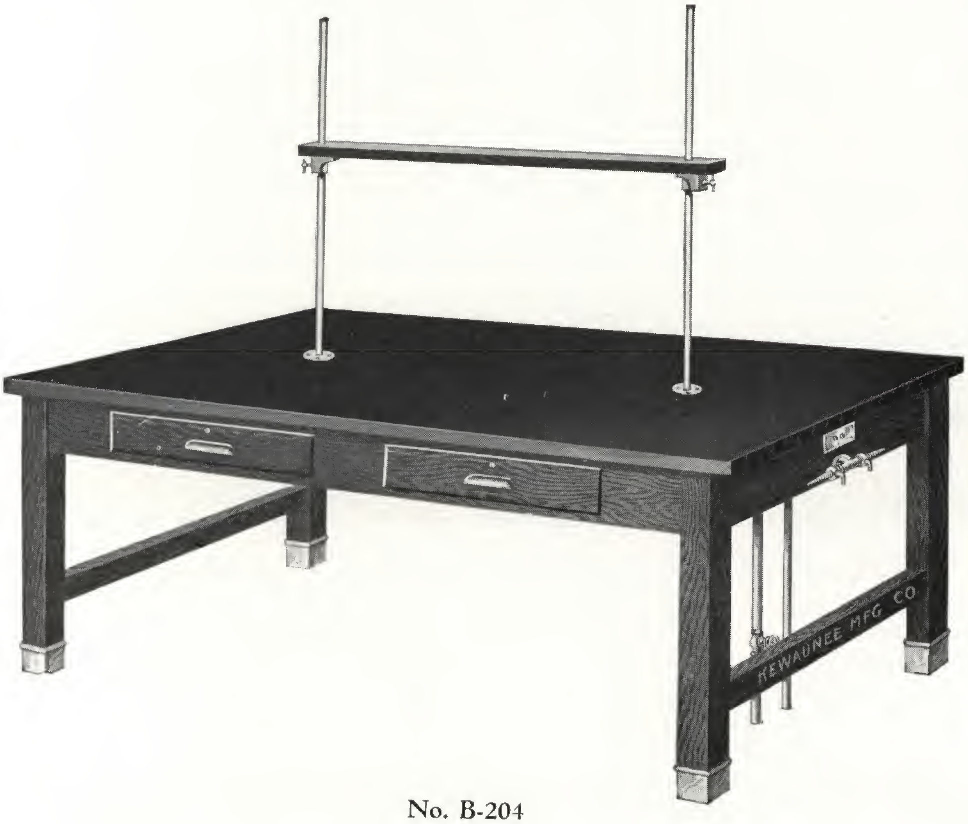
	Length	Width	Height	Depth
Overall	6 ft.	42 in.	30 in.	
4 drawers		18½ in.	2¾ in.	14¼ in.

Construction—Oak body; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

Fixtures—2 long spout double gas cocks.
2 upright support rods with Greenlaw crossarms.
2 single pole plugs and receptacles.
Weight crated, 325 lbs.

No. B-200—With locks.
No. B-201—Without locks.



No. B-204

No. B-204 PHYSICS TABLE

The electric and gas fixtures being in the rail, the top of this four student table is clear with the exception of the steel upright support rods, thus providing an unobstructed working surface. The top is finished black acid resisting and the four drawers are fitted with masterkeyed locks. The adjustable crossbar is of wood.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	42 in.	30 in.	
4 drawers		18½ in.	2¾ in.	14¼ in.

Construction—Oak body; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

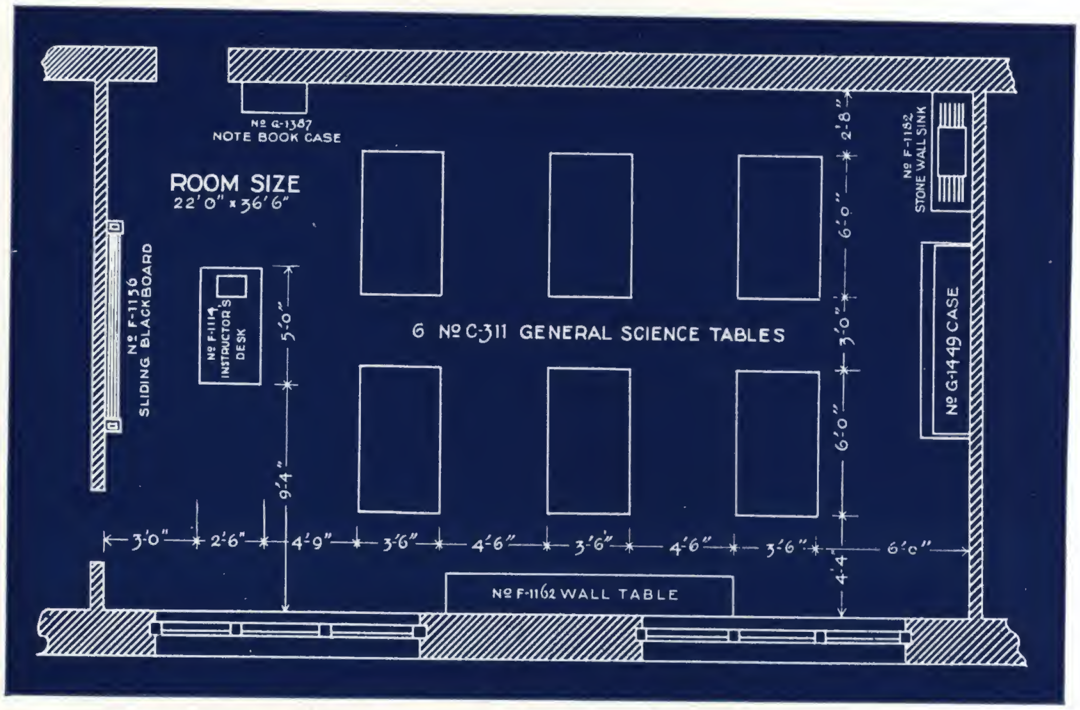
Fixtures—2 long spout double gas cocks; 2 single pole plugs and receptacles.

Locks—Masterkeyed.

Weight crated, 325 lbs.

No. B-204—With locks.

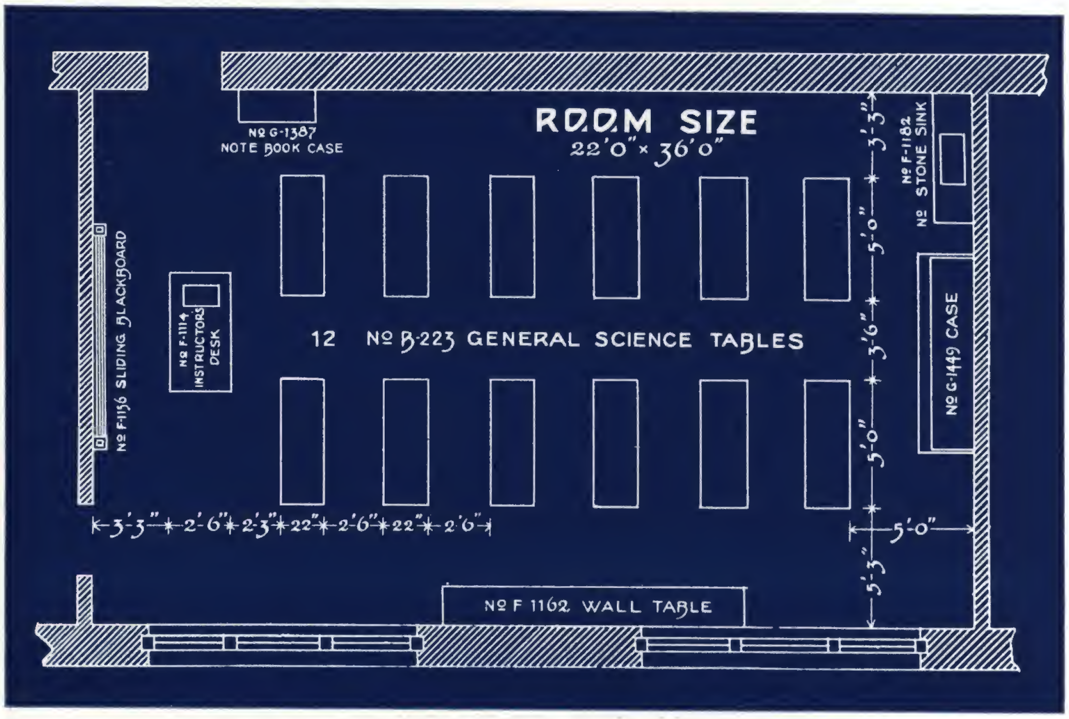
No. B-205—Without locks.



GENERAL SCIENCE LABORATORY PLAN A

This layout calls for the use of four student tables and the laboratory accommodates sections of 24 students. The complete equipment included in this layout is as follows:

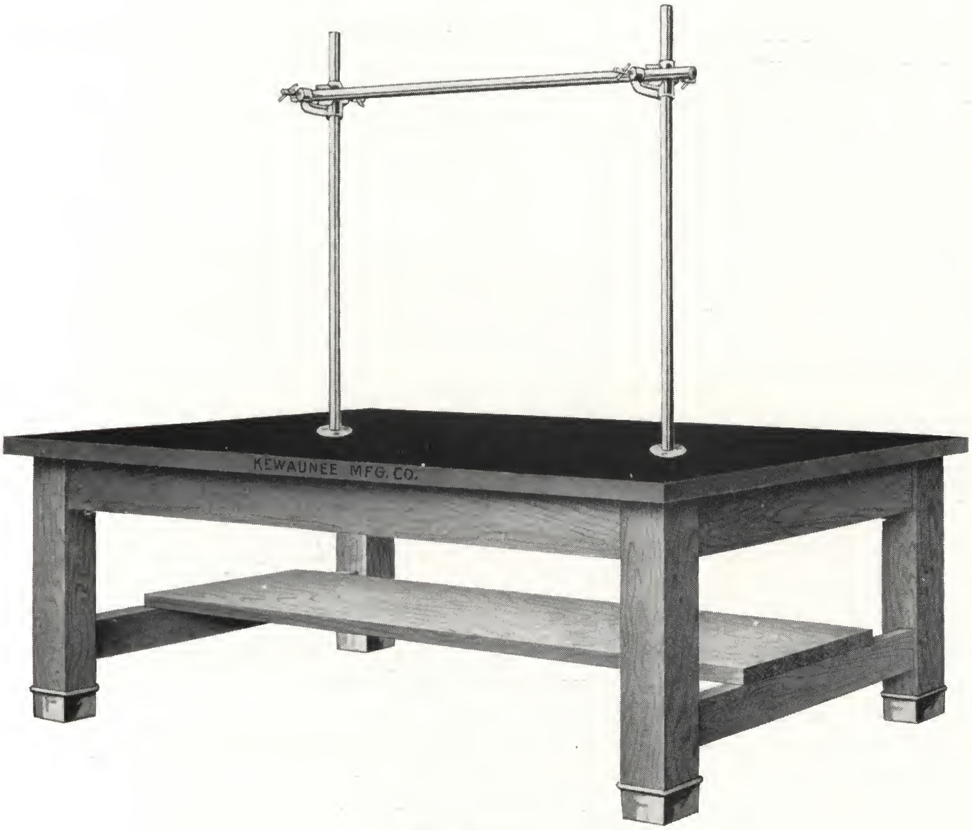
6 No. C-311 General Science Tables.
1 No. F-1114 Instructors' Desk.
1 No. F-1162 Wall Table.
1 No. G-1449 Case.
1 No. F-1182 Wall Sink.
1 No. G-1387 Notebook Case.
1 No. F-1156 Sliding Blackboard.



GENERAL SCIENCE LABORATORY PLAN B

The very popular 2 student type of science table is used in General Science Laboratory Plan B and sections of 24 students are accommodated.

12 No. B-223 General Science Tables.
1 No. F-1114 Instructors' Desk.
1 No. F-1162 Wall Table.
1 No. G-1449 Case.
1 No. F-1182 Stone Sink.
1 No. G-1387 Notebook Case.
1 No. F-1156 Sliding Blackboard.



No. B-207

No. B-207 PHYSICS TABLE

An extra strongly built and rigid table for college experiments in physics. The upright support rods are 19 mm. diameter and 100 cm. long and of cold rolled Bessemer nickeled steel. The legs are extra heavy, being 4 inches square. The shelf beneath is of the same thickness as the top (1⅝ in.) and adds to the rigidity of the table.

SPECIFICATIONS

	Length	Width	Height
Overall	6 ft.	42 in.	30 in.

Construction—Oak body; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

Weight crated, 360 lbs.

No. B-207—Physics Table.

Add for Hubbell Polarized plug and receptacle with iron box and nickel-plated cover, with conduit.

No. B-212 PHYSICS TABLE

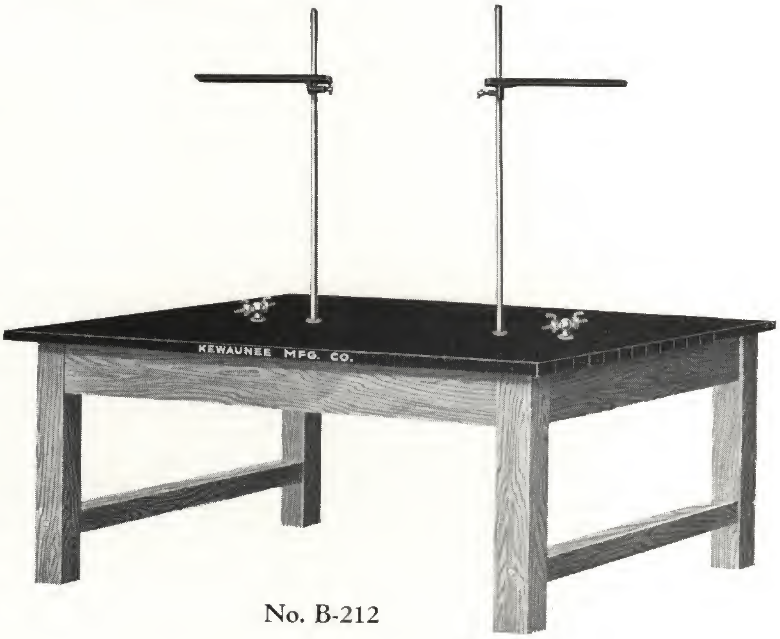
As the accompanying illustration portrays, this is an extra heavy, rigid table. Its four inch legs connected with oversize leg stretchers assists greatly in reducing vibration.

The table is equipped for gas and has two upright support rods with Greenlaw crossarms.

Top is finished black acid resisting.

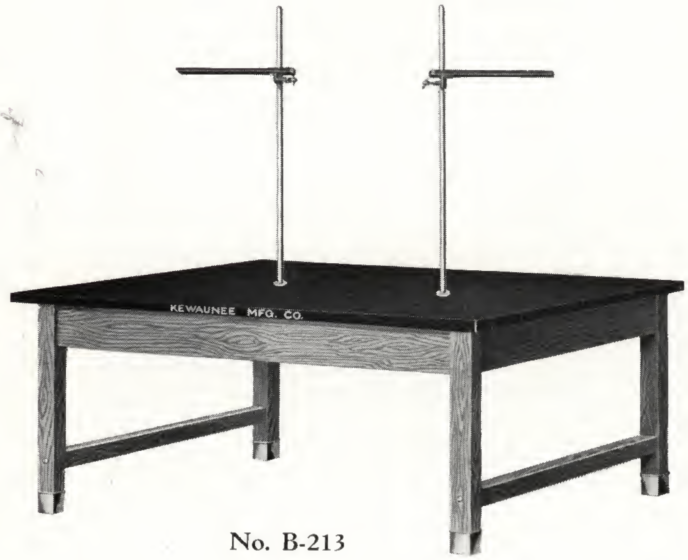
SPECIFICATIONS

	Length	Width	Height
Overall	6 ft.	42 in.	30 in.



No. B-212

Construction—Oak body; birch top, black acid resisting finish.
Finish—No. 1 or No. 2 Oak.
Fixtures—2 long spout double gas cocks.
2 upright support rods with Greenlaw crossarms.
Weight crated, 325 lbs.
No. B-212—Physics Table.



No. B-213

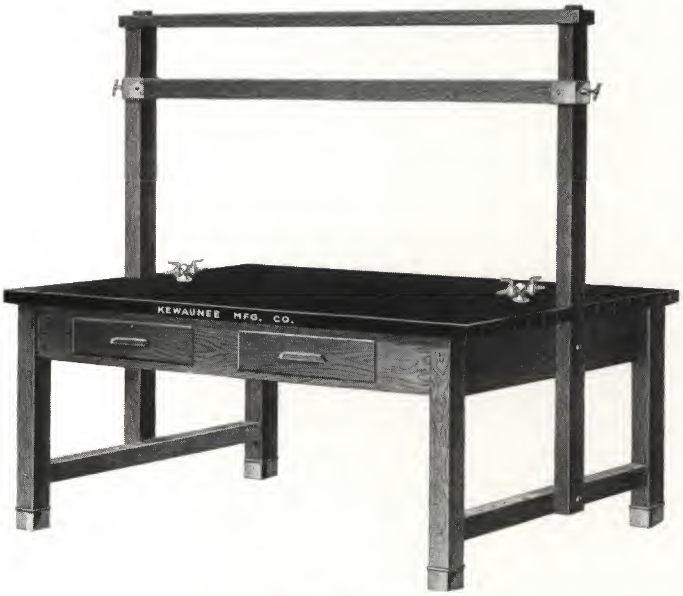
No. B-213 PHYSICS TABLE

This Physics Table will very satisfactorily answer the general requirements of the Physics Laboratory. The support rods and crossarms together with the unobstructed working surface of the 6 ft. by 42 in. black acid resisting top provide adequate space and equipment for Physics experiments.

SPECIFICATIONS

	Length	Width	Height
Overall	6 ft.	42 in.	30 in.

Construction—Oak body; birch top, black acid resisting finish.
Finish—No. 1 or No. 2 Oak.
Equipment—2 upright support rods with Greenlaw crossarms.
Weight crated, 310 lbs.
No. B-213—Physics Table.



No. B-215

No. B-215 PHYSICS TABLE

This four student, double, six foot physics table has four drawers, two on each side, and is equipped for gas. Wood upright supports are solidly bolted to the end rails and leg stretchers and are reinforced on top by a cross section. The crossbar is of wood and is adjustable. The gas fixtures are also placed near to the ends of the table leaving a clear unobstructed working space. Top is finished black acid resisting.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	42 in.	30 in.	
4 drawers		18½ in.	2¾ in.	14¼ in.

Construction—Oak body, birch top; black acid resisting finish.
Finish—No. 1 or No. 2 Oak.
Weight—Crated, 360 lbs.

No. B-215—Four drawers without locks.
No. B-216—Four drawers with masterkeyed locks.

No. B-217 PHYSICS TABLE

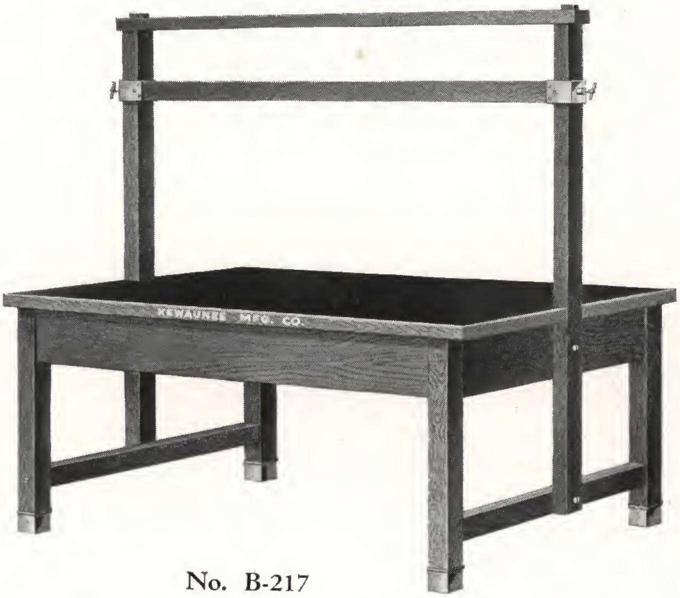
A six foot Kemco Inlaid Linoleum top Physics table with rigid wood upright supports and adjustable wood crossarm.

SPECIFICATIONS

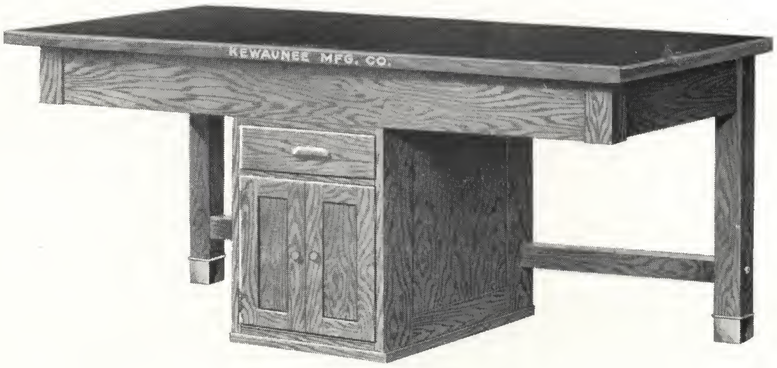
	Length	Width	Height
Overall	6 ft.	42 in.	30 in.

Construction—Oak body; Linoleum top.
Finish—No. 1 or No. 2 Oak.
Weight—Crated, 340 lbs.

No. B-217—Physics Table.



No. B-217



No. B-221.

GENERAL SCIENCE TABLE

Offering one common drawer and one common cupboard, this table is very serviceable yet inexpensive. The top is Kemco inlaid linoleum, which provides an excellent writing surface and is very durable. The table may be equipped with swinging chairs or swinging stools if desired. The laboratory equipped with these tables can be used for the teaching of biology as well as recitation and study room purposes, and the overall size of the table, while accommodating two students amply, still allows large sections to be accommodated in the ordinary laboratory.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	22 in.	30 in.	
1 drawer		14½ in.	2¾ in.	14¼ in.
Cupboard		16 in.	16⅛ in.	16½ in.

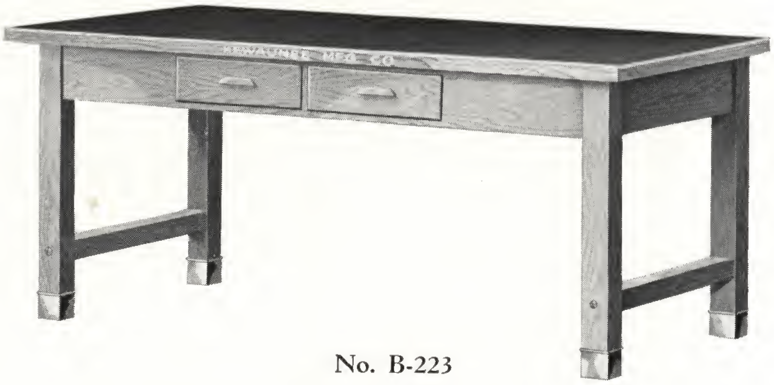
Construction — Body of selected oak. Top inlaid linoleum.

Finish—No. 1 or No. 2 Oak.

Weight—Crated, 300 lbs.

No. B-220—Locks on cupboard and drawer.

No. B-221—Without locks.



No. B-223

GENERAL SCIENCE TABLE

Here is a two drawer table comparatively inexpensive, yet of excellent appearance and of great durability. Where cabinet storage space is provided for equipment, this table will fill the requirements of the General Science and Biology Laboratories most satisfactorily. The drawers will answer for all general purposes and the inlaid linoleum top provides a splendid working surface.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	22 in.	30 in.	
Drawers		14½ in.	2¾ in.	14¼ in.

Construction — Body of selected oak. Top inlaid linoleum.

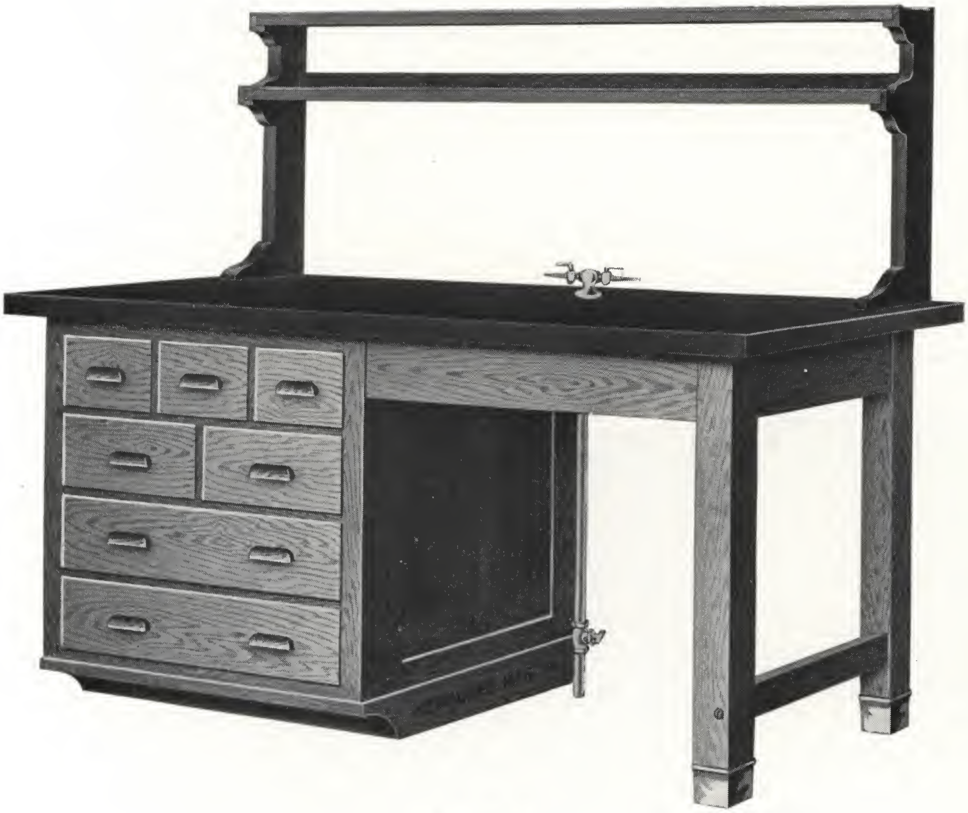
Finish—No. 1 or No. 2 Oak.

Locks—Regular masterkeyed.

Weight—Crated, 250 lbs.

No. B-223—Without locks.

No. B-224—With locks.



No. B-227

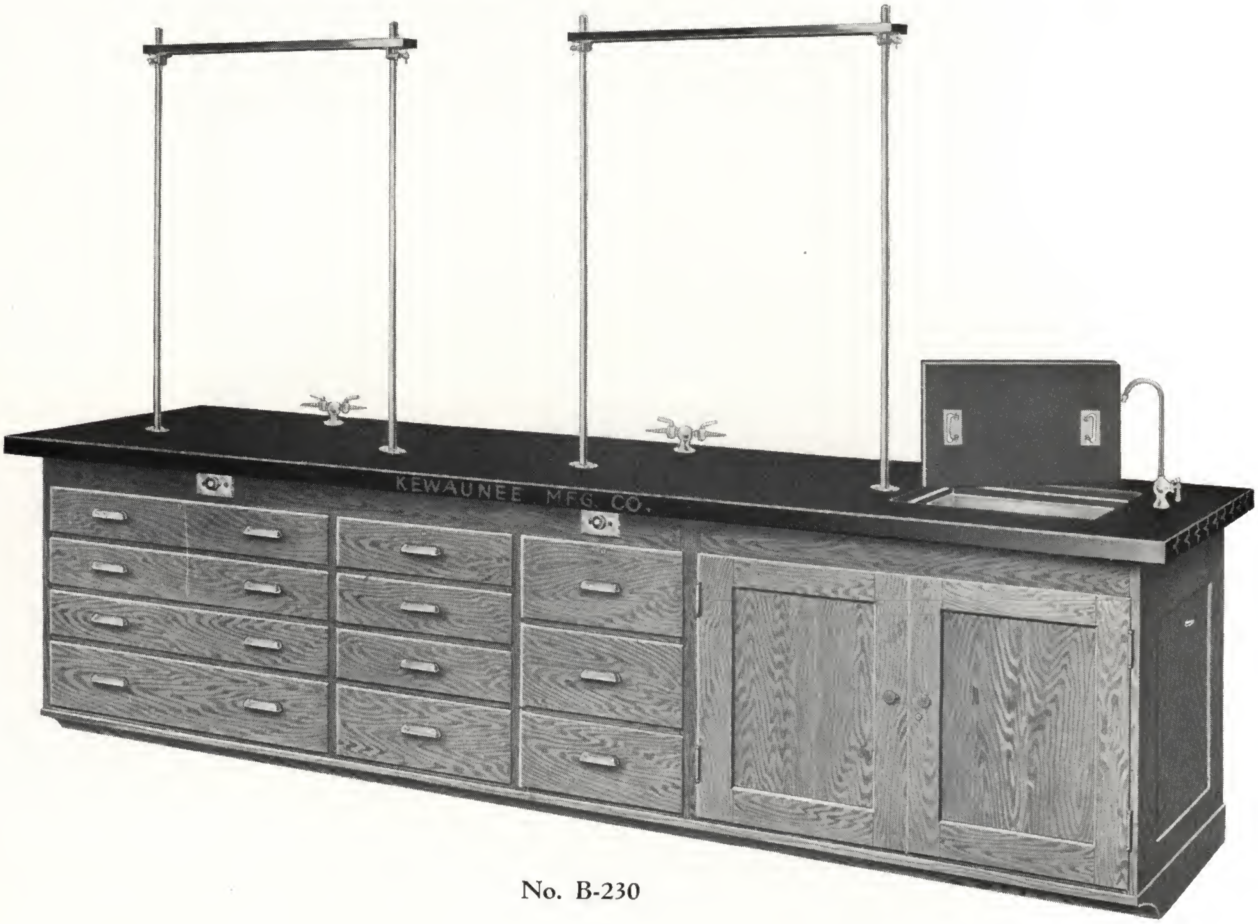
PHOTOMETRY ROOM TABLE

The Photometry table illustrated above is a valuable adjunct to the well equipped dark room. This table is generally used in connection with a wall sink suitable for washing prints and films. The table can be equipped with electric receptacles to take plugs for dark room lamps. The high wall type reagent rack is very convenient for storing photographic chemicals and the over-large drawers provide suitable storage space for all of the photographic and other supplies ordinarily carried in the dark room.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5½ ft.	27 in.	36 in.	
2 drawers		12¾ in.	5¾ in.	19 in.
2 drawers		27¾ in.	5¾ in.	19 in.
3 drawers		7¾ in.	5¾ in.	19 in.

Construction—Body, selected white oak; birch top, black acid resisting finish.
Finish—No. 1 or No. 2 Oak.
Fixtures—Double "Kewaunee" nickel-plated gas cock, gas pipe and stop to floor.
Weight crated, 380 lbs.
No. B-227—As illustrated.
No. B-228—Three drawers and cupboard.



No. B-230

PHYSICS LABORATORY DESK

This wall form physics laboratory desk will accommodate four students during the regular laboratory periods. It is completely equipped for electricity, gas and water, and has two complete sets of upright support rods and crossarms, and has generous drawer and cupboard accommodations. One cupboard and drawer are fitted with locks, a locking device securing the other drawers. Desk may be had with enameled iron or soapstone sink as desired. The top is finished black acid resisting. Cover is provided for the sink, giving additional working surface when the sink is not in use.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	11 ft. 8 in.	26 in.	36 in.	
3 drawers		40½ in.	4½ in.	17¼ in.
1 drawer......		40½ in.	8¼ in.	17¼ in.
3 drawers		21 in.	4½ in.	17¼ in.
1 drawer......		21 in.	8¼ in.	17¼ in.
3 drawers		18 in.	7¾ in.	17¼ in.
Cupboard		44¾ in.	27 in.	20¾ in.
Iron sink......	24 in.	16 in.		6 in.
Stone sink....	15 in.	14 in.		5½ in.

Construction—Oak body; birch top, black acid resisting finish.
Finish—No. 1 or No. 2 Oak.
Fixtures—1 gooseneck water cock; 2 Hubbell polarized plugs and receptacles.
Two double long spout gas cocks.
Weight crated, 870 lbs.

No. B-230—Wood top.
No. B-232—Soapstone top.

LABORATORY SWITCHBOARDS

Since the requirements for laboratory switchboards are varied in each instance by reason of the different number of student connections required, and the different kinds of outlets used, switchboards for laboratory purposes are designed almost entirely to meet individual requirements. We have illustrated on the following pages two types of switchboards, Fig. A representing the front view of a board very well adapted to the high school Physics Laboratory, and Figs. B and C showing respectively rear and front views of a college Physics Laboratory switchboard.

Laboratory switchboards are usually built of ebony asbestos, but are sometimes furnished in stone or slate. Our standard method of construction calls for 1¼ in. ebony asbestos.

Kewaunee laboratory switchboards are furnished with a wide range of electrical recording or indicating instruments, and in meeting the varying requirements of high school and college lecture rooms, the boards frequently carry ammeters, voltmeters, indicating wattmeters, recording watt hour meters, frequency meters, power factor indicators, ground detectors and numerous other electrical instruments as well as field rheostats, fixed resistance grids, variable resistance rheostats and switches and dead front receptacles or jacks.

All our receptacles are the dead front type of receptacle, which prevents any possibility of electrical shock from the front of the board, and all receptacles on outgoing lines are fused where desired. Boards are regularly equipped with dead front tumbler switch up to 60 amp. and with dead front knife switches over 60 amp.

In determining switchboard requirements, is is first necessary to know how many table connections are to be made through the board. The usual practice is to have outgoing lines from switchboard so arranged that varying DC voltages can be supplied to groups of students at different points in the laboratory. AC electricity at 110 volts is usually provided at each student's working space, and 220 volt AC outlets are placed at several points in the laboratory. By the installation of three wire circuits to tables, AC or DC current, single phase or three phase, and any voltage necessary can be furnished at the table outlet, and the three wire circuit is recommended because of its flexibility.

Because of the increasing expense of all switchboard fittings for higher amperage, we recommend that the switchboard requirements be kept under twenty amperes wherever possible.

The electrical instruments furnished on each board will be determined by the requirements of the subject being taught, and the electrical equipment will be determined by the number of table connections, the varying currents and voltages to be delivered through them and the type of incoming current available at the board.

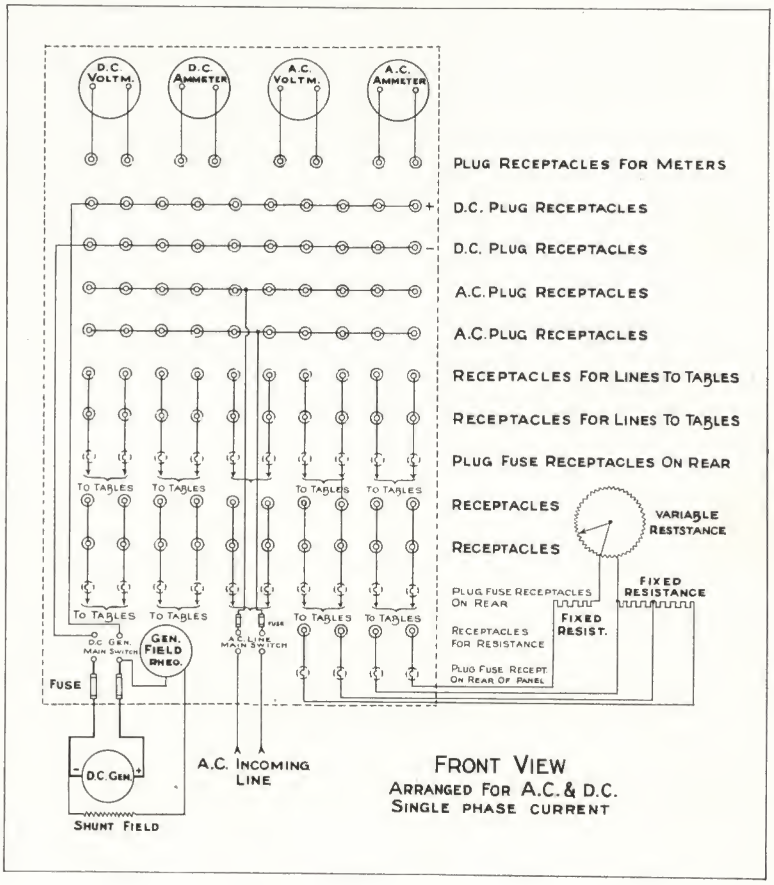


Fig. D

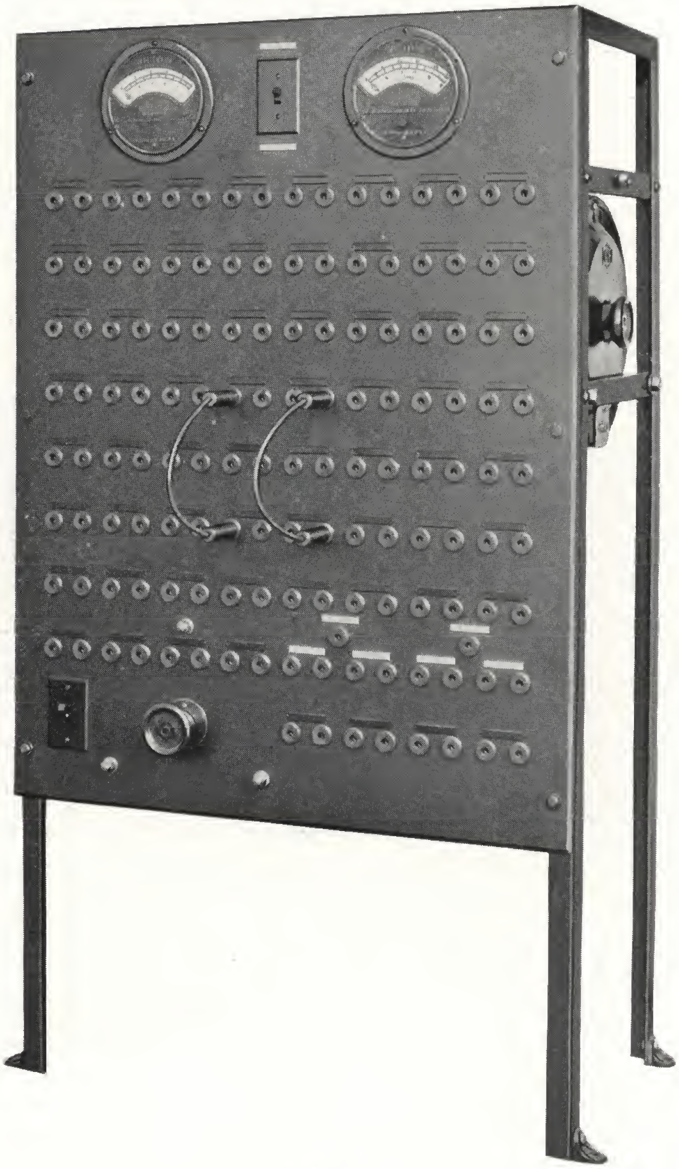


Fig. A

Where the only current available in the building is alternating current at 110 volts, we recommend the use of a direct connected motor generator and the installation of fixed or variable resistance grids for obtaining varying voltages. With this arrangement storage batteries are not necessary and current can be furnished from 0 to 40 or 50 volts at table outlets. Where the use of storage batteries is desired, they can be kept charged by the direct current generator at the proper amperage, which can be maintained through a rheostat mounted on the board. Where DC current only at 110 volts is available in the building, a rotary converter can be used to deliver alternating current, which in turn is varied by means of combinations of fixed and variable resistance grids that will allow a voltage range of from 0 to 87 volts of alternating current.

Where AC current at 220 volts is available, this current is desirable because it makes it possible to connect with a transformer to show multiple and parallel connections, as well as to show delta and star connections.

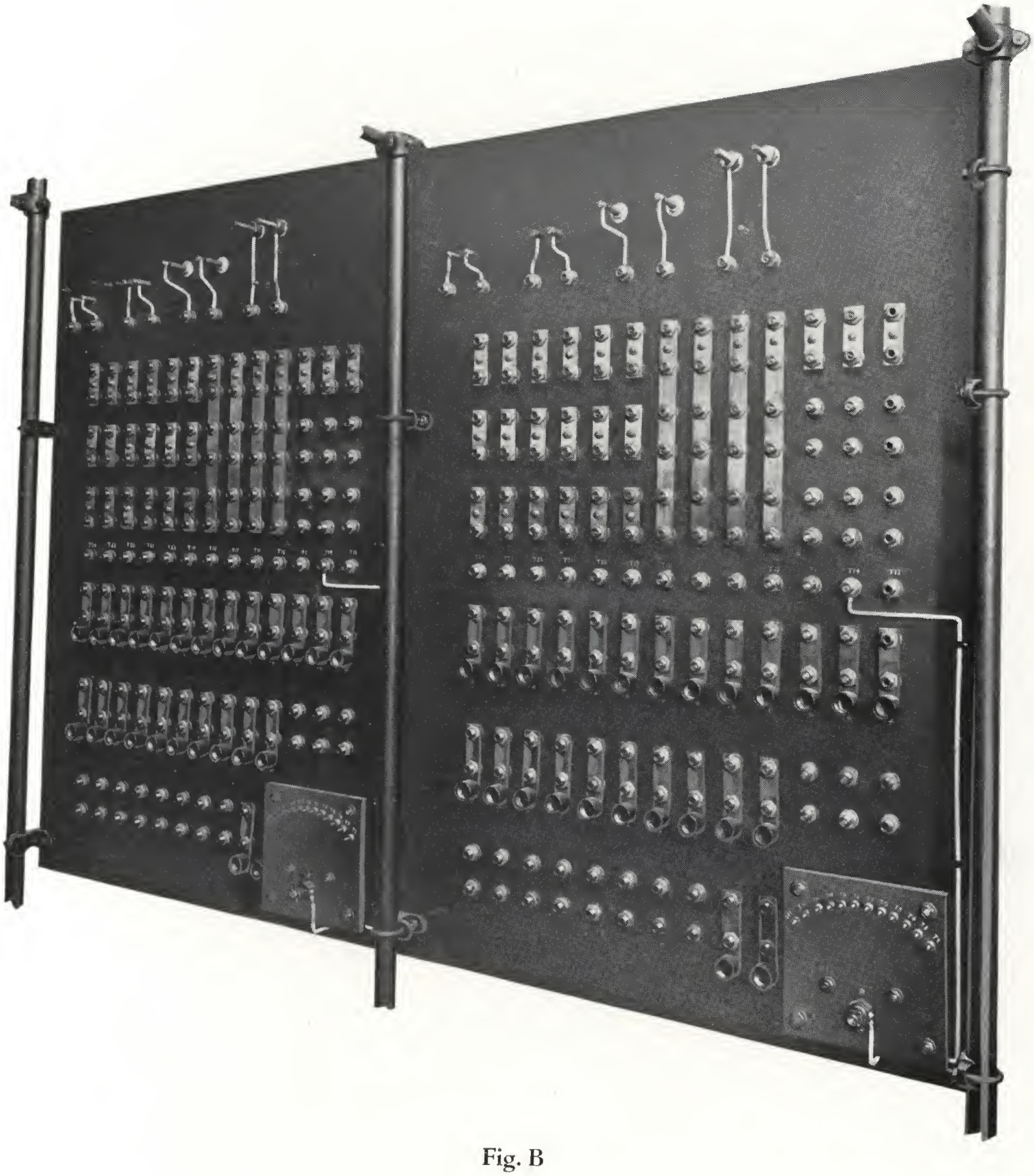


Fig. B

Fig. D illustrates the type of wiring diagram sent out with each switchboard, and represents the wiring arrangement on a ten circuit testing panel equipped with AC voltmeter, DC voltmeter, AC ammeter and DC ammeter, and having 20 DC single pole receptacles, 20 AC receptacles and receptacles for 10 outgoing circuits to tables as well as a DC generator, generator field rheostat, incoming AC line and main switch and three fixed and one variable resistance grids. A board thus arranged for AC and DC single phase current provides a wide range of voltages at the tables, is very compact and greatly increases student interest in practical electricity.

The services of our engineering department are available for the use of architects, educators and engineers in making electrical layouts for the laboratory and lecture room, and in designing switchboards to meet the individual requirements of the department, and such service is entirely without obligation.

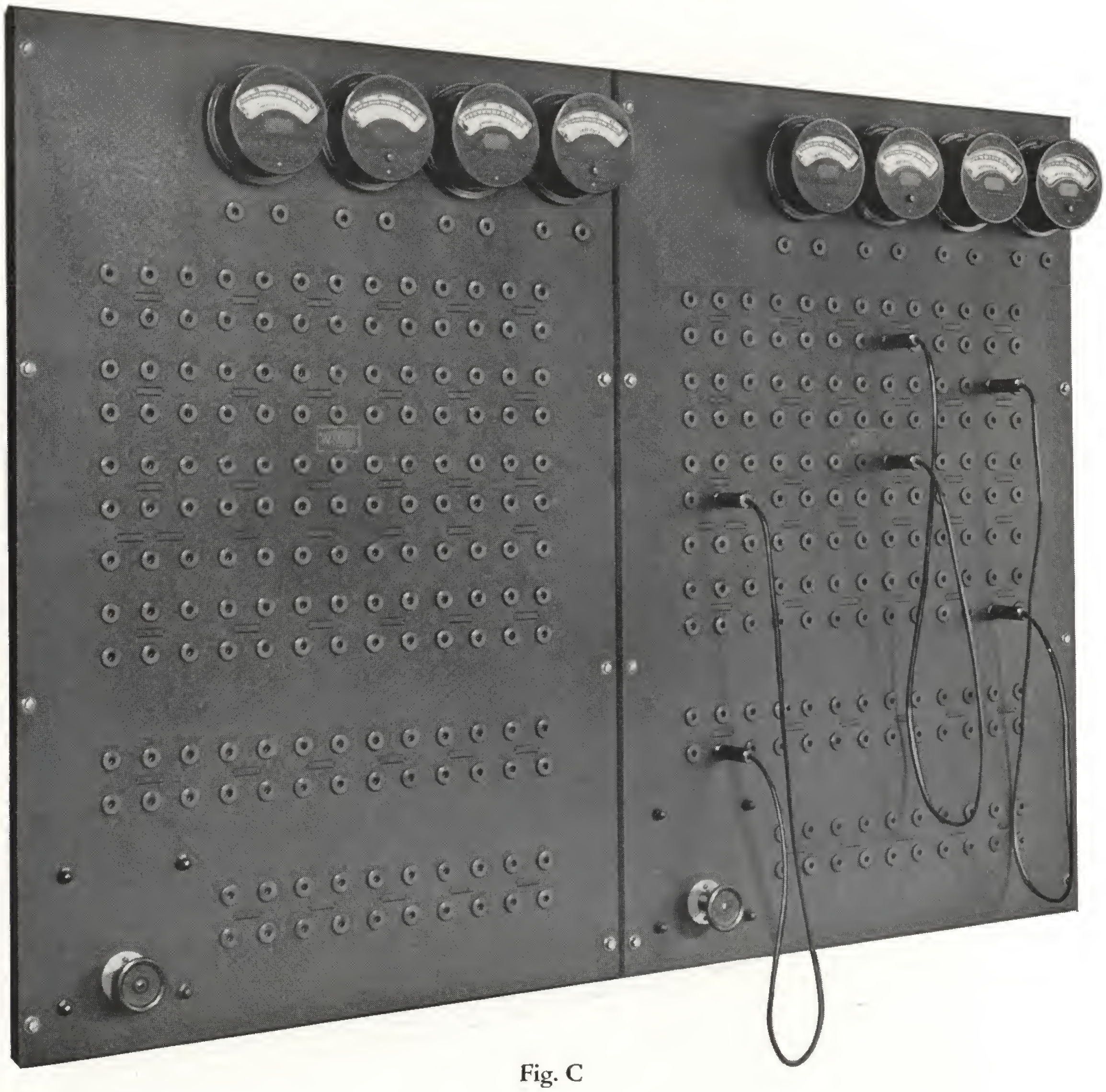


Fig. C

In developing the proper layout and switchboard to meet individual requirements, it will be helpful if the following information can be supplied to us:

1. Current available (Volts........Phase........Cycle).
2. Number and location of table outlets.
3. Kind of current to be supplied at each receptacle:
    a. AC single phase.................volts.
    b. AC 3 phase.................volts.
    c. DC 2 wire.................volts.
    d. DC 3 wire.................volts.
    e. DC storage battery circuit...................volts.
4. Is switchboard to be equipped with incoming line main switch, or will you connect the main line direct to bus bars of switchboard?
5. Do you want an incoming line voltmeter............ ammeter.................watt hour meter.................?
6. Which of the following are required? Motor generator set.................Transformer.................Resistance grids.................Storage battery................. Rotary converter..................
7. Name the indicating or recording instruments to be mounted on board for plugging into outgoing lines.
8. Are outgoing receptacles to be fused?

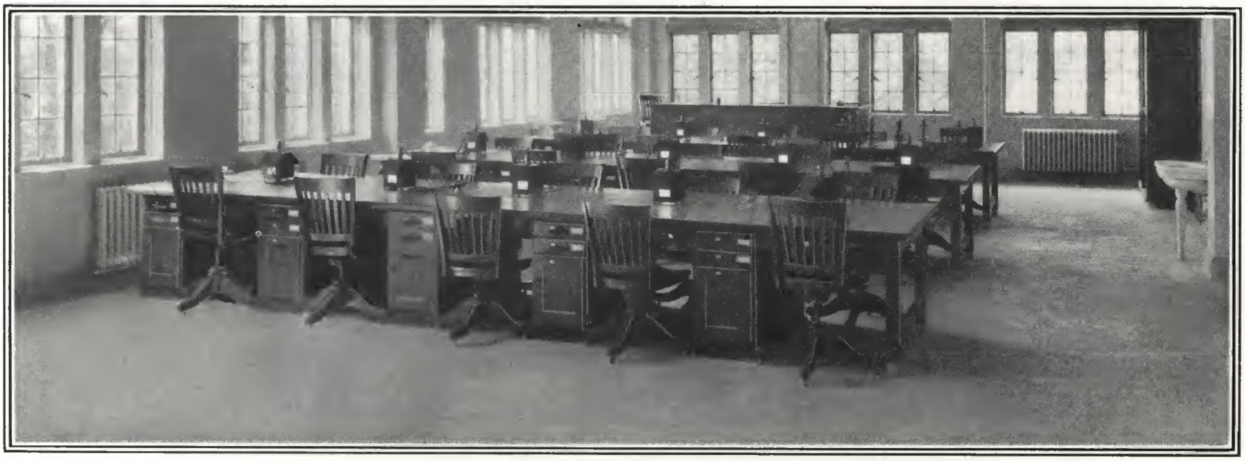
On receipt of this information and floor plan layout of the laboratory or lecture room to be equipped, we will gladly furnish diagrams, specifications and estimates on practical modern switchboards that will meet all your requirements.

BIOLOGY AND AGRICULTURAL FURNITURE

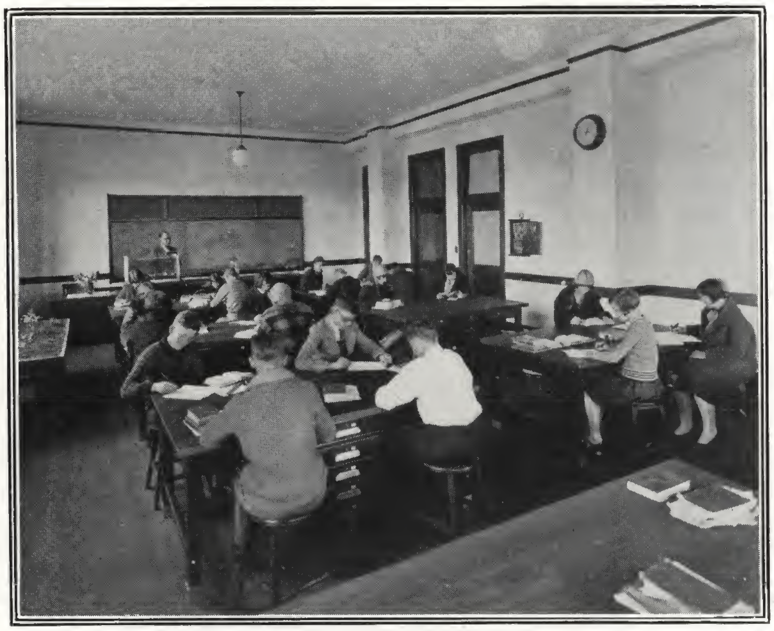
The Biology and Agricultural Furniture shown in this section is designed to cover needs varying from the simple requirements of the Biology and Agricultural Department in the smaller High Schools to the more comprehensive needs of the University and College Departments.

In addition to the plain tables used in most high schools we include two styles of Trapezoidal tables designed to allow each student unobstructed, shadowless light for microscopic work. This source of light can be supplemented by the use of daylight lamps, and all tables can be equipped with flush lamps set into table top, or with movable lamps, to meet individual requirements.

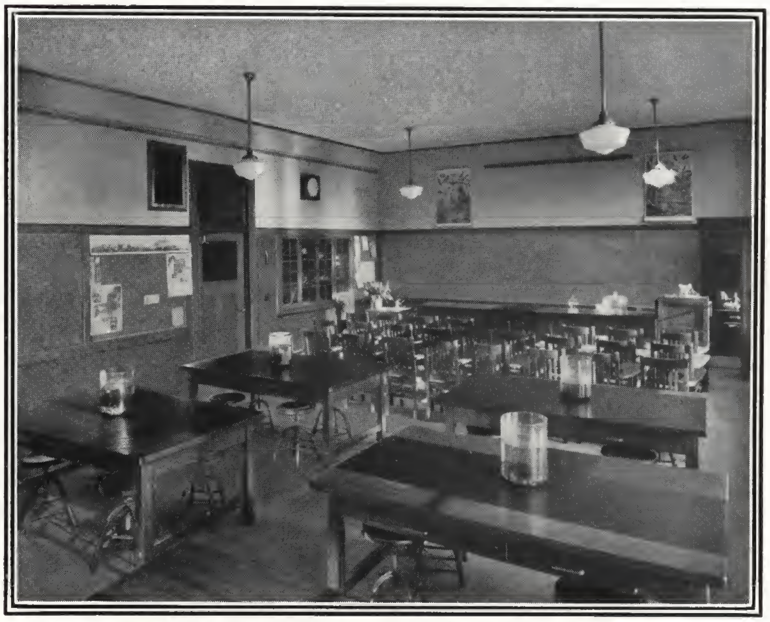
The type of equipment used in Agricultural Laboratories coincides closely with the equipment used in Biology, and the students tables are supplemented with the more elaborate dairy room tables and soil bin shown.



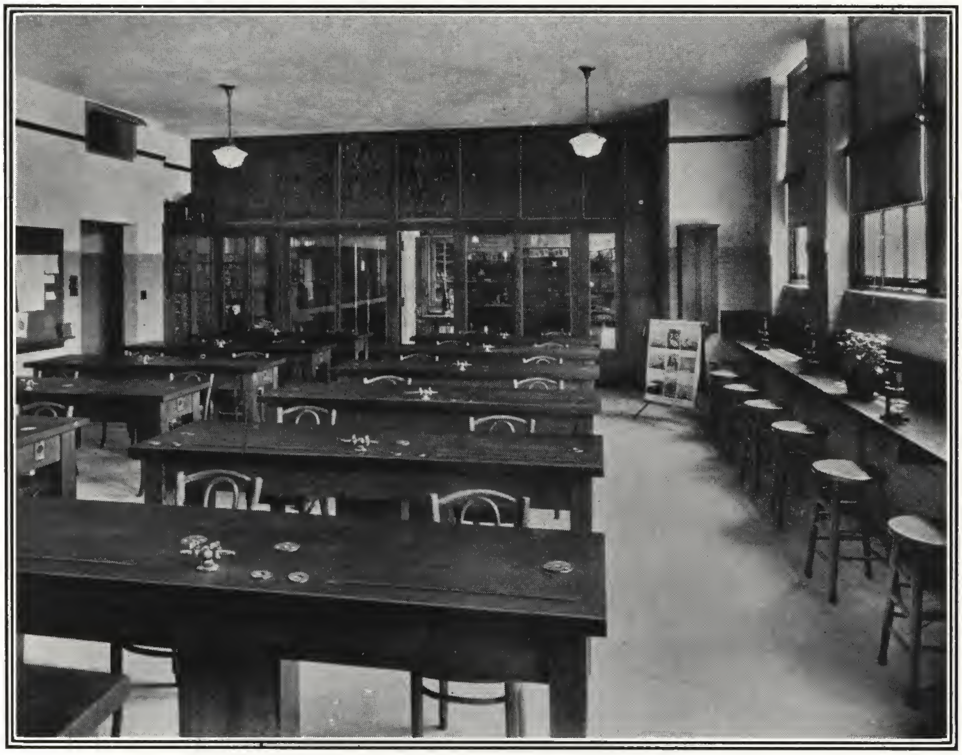
COLLEGE BIOLOGICAL LABORATORY



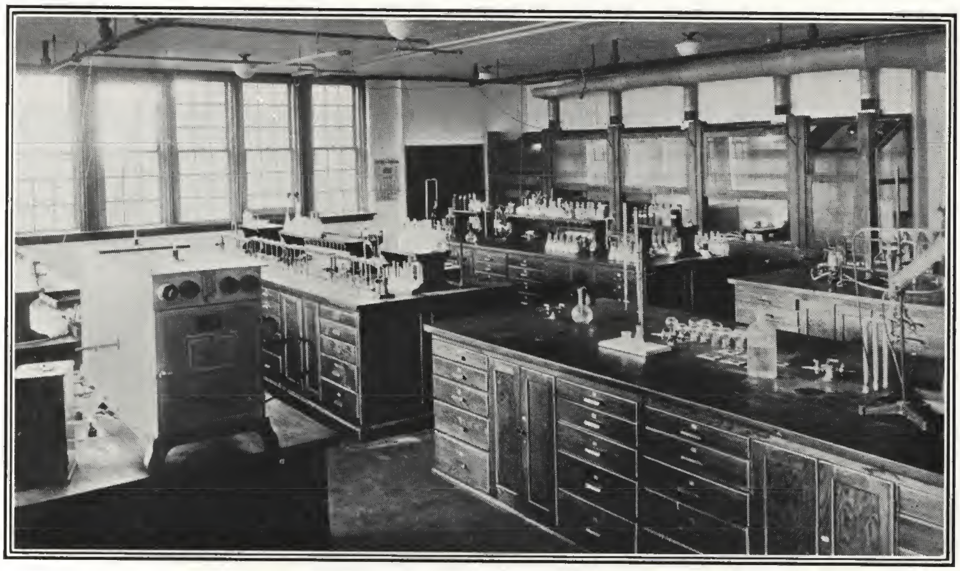
BIOLOGY LABORATORY
BOLTON HIGH SCHOOL ALEXANDRIA, LA.



COMBINED BIOLOGY LABORATORY AND LECTURE ROOM
LINCOLN SCHOOL OF TEACHERS COLLEGE
COLUMBIA UNIVERSITY NEW YORK CITY



BIOLOGY LABORATORY, NEW HIGH SCHOOL, NEW ALBANY, INDIANA



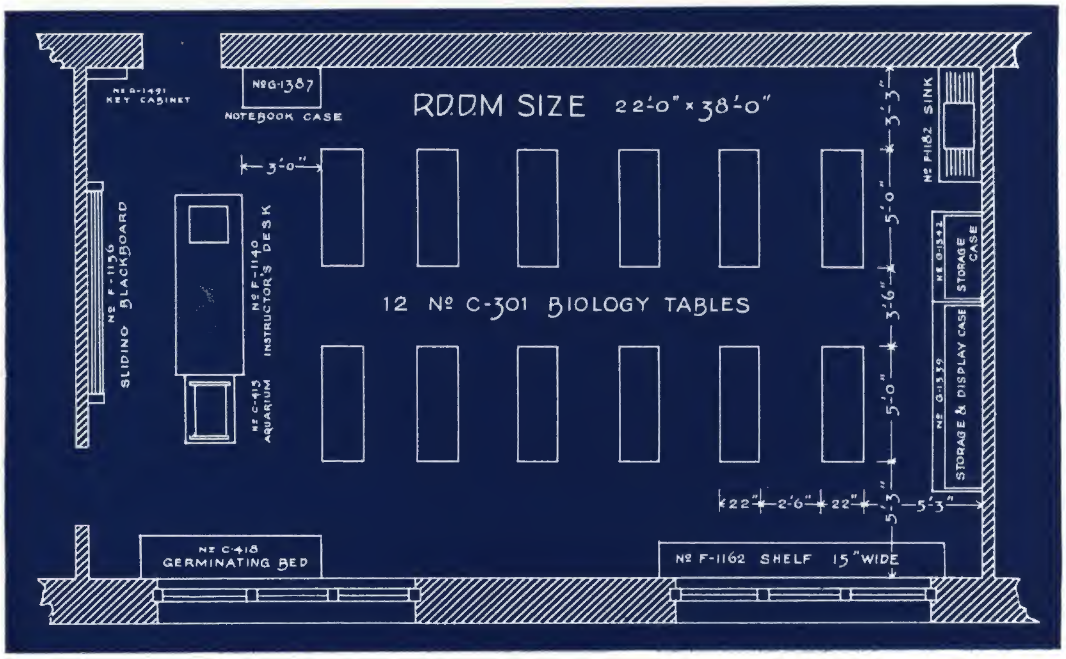
BACTERIOLOGY LABORATORY
UNIVERSITY OF IDAHO, MOSCOW, IDAHO

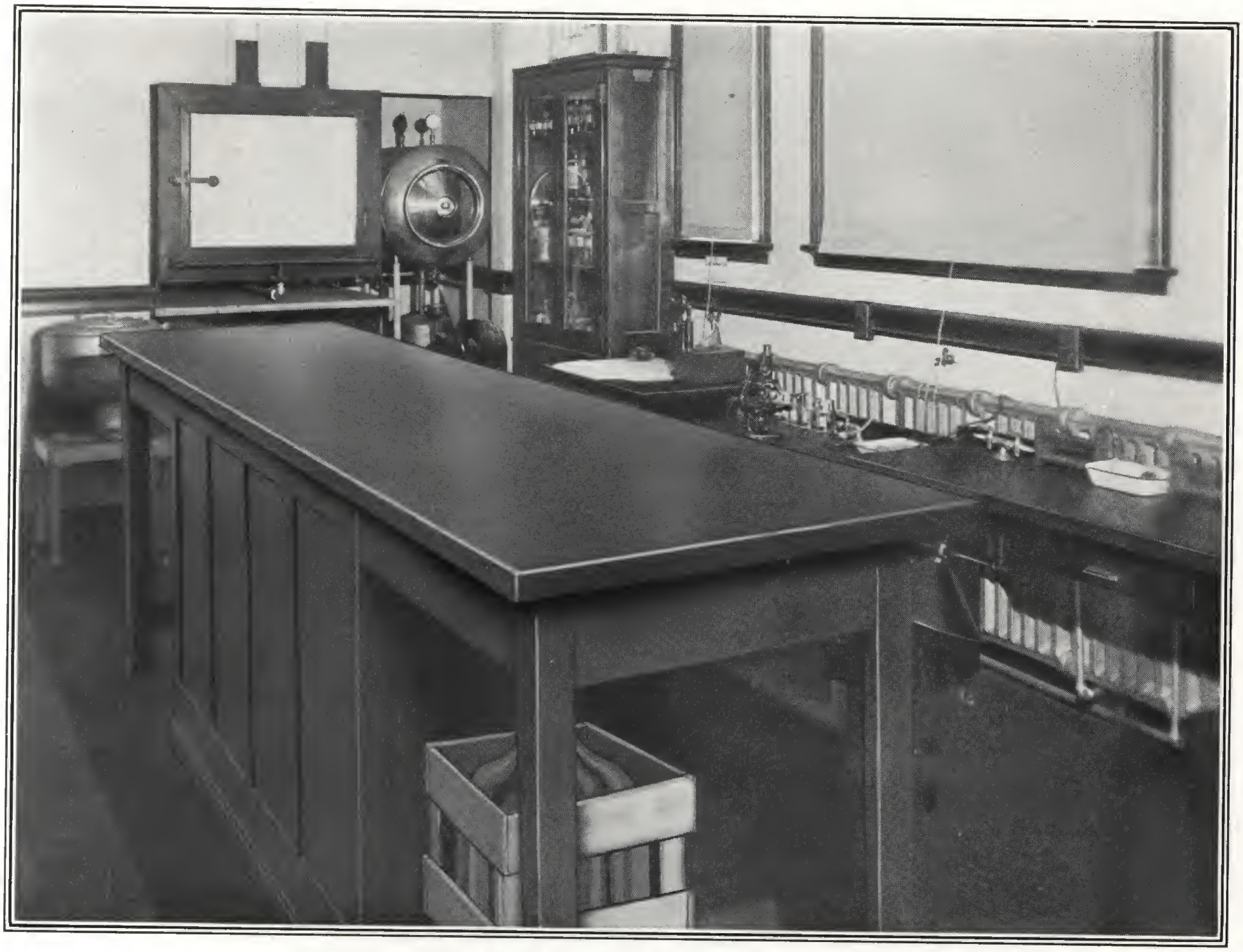
BIOLOGY LABORATORY
DARTMOUTH COLLEGE, HANOVER, N. H.

BIOLOGY LABORATORY PLAN A

This floor plan layout provides excellent facilities for a Biology laboratory and uses two student tables that face all students in one direction. Twenty-four students are accommodated at one time. The complete equipment shown includes the following:

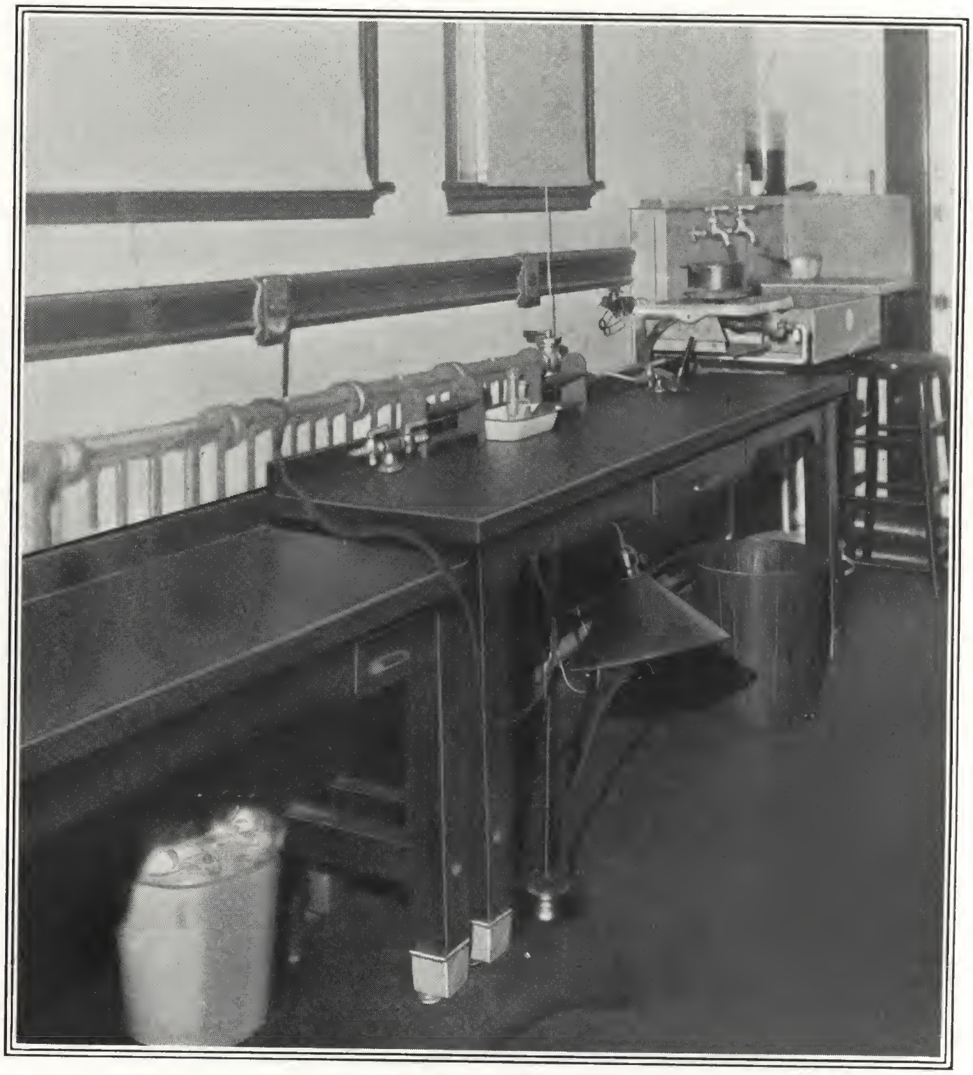
12 No. C-301, C-305 or C-307 Biology Tables.
1 No. F-1140 Instructor's Desk.
1 No. C-415 Aquarium.
1 No. F-1162 Wall Shelf.
1 No. C-418 Germinating Bed.
1 No. G-1339 Storage and Display Case.
1 No. G-1342 Storage Case.
1 No. G-1387 Notebook Case.
1 No. G-1491 Key Cabinet.
1 No. F-1182 Sink.
1 No. F-1156 Sliding Blackboard.



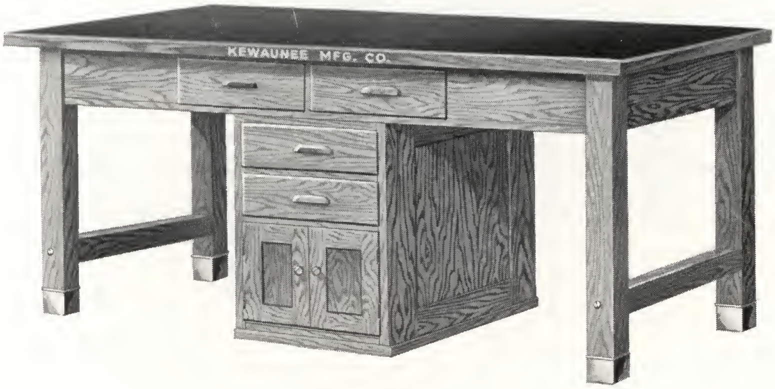


PATHOLOGICAL LABORATORY
CITY HALL, BOARD OF HEALTH, NEWPORT, R. I.

A COLLEGE BIOLOGICAL LABORATORY



PATHOLOGICAL LABORATORY
CITY HALL, BOARD OF HEALTH, NEWPORT, R. I.



No. C-300

No. C-300 BIOLOGY TABLE

The two-student Biology Table is being widely used in High School Biology, because all students face one way and the two student table lends itself readily to General Science and study room use. No. C-300 Table has four private drawers and a double cupboard which houses two microscopes. The top is inlaid linoleum. Electric receptacles can be furnished in end or front rail as desired.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	22 in.	31 in.	
4 drawers		14½ in.	2¾ in.	14¼ in.
2 cupboards		7⅝ in.	13 in.	16¾ in.

Construction—Oak body. Top, inlaid linoleum.

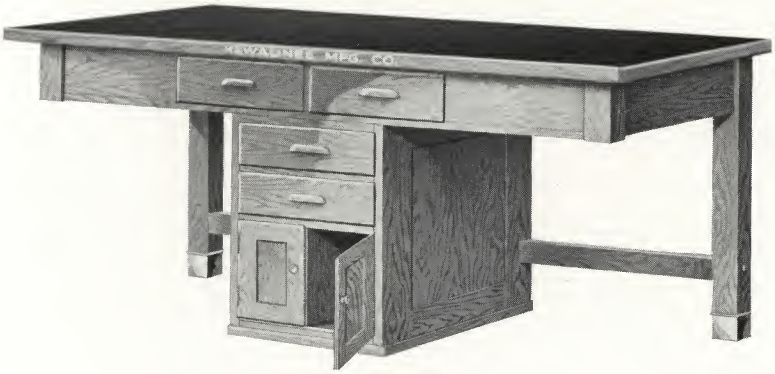
Finish—No. 1 or No. 2 Oak.

Locks—Masterkeyed on drawers and cupboard.

Weight crated, 250 lbs.

No. C-300—Biology Table, without locks.

No. C-301—Biology Table, masterkeyed locks on drawers and cupboard.



No. C-304

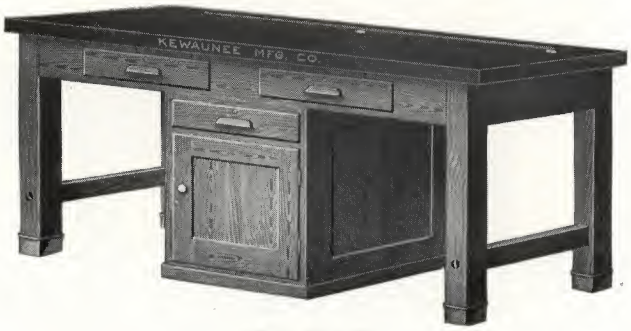
No. C-304 BIOLOGY TABLE

Very often it is desired to equip biology tables with swinging chairs or swinging stools, and this table being without legs on the students side, allows more convenient use of the swinging chair or stool. In other respects it is identical with Table No. C-300.

Weight crated, 225 lbs.

No. C-304—Biology Table, without locks.

No. C-305—Biology Table, masterkeyed locks on drawers and cupboard.



No. C-307

No. C-307 BIOLOGY TABLE

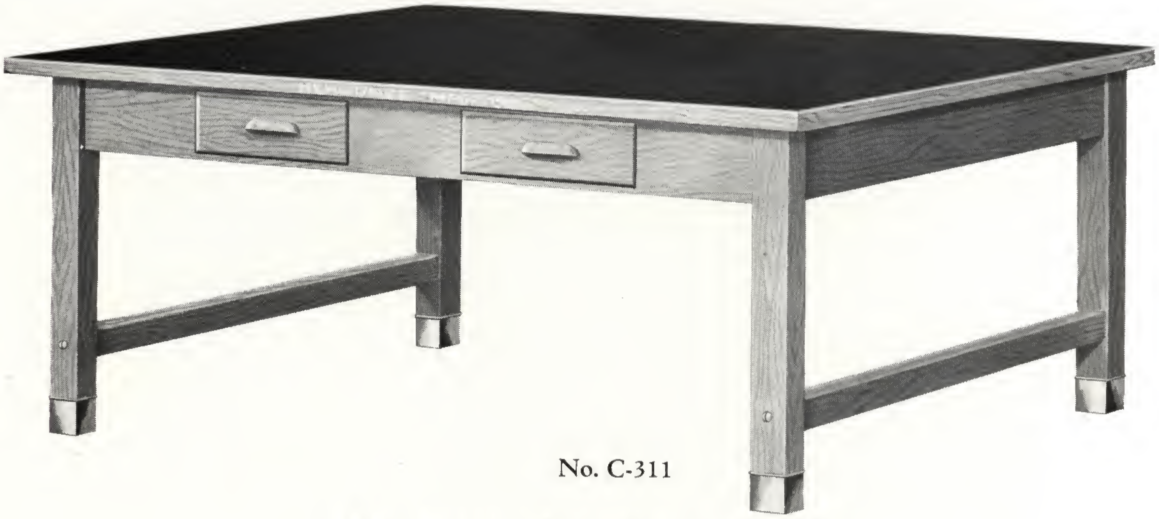
The No. C-307 accommodates two students, has a pencil groove near the front edge of the top and is fitted with two flush inkwells at the right hand of students. The table may be had with or without the lower section.

Construction—Body of selected white oak; birch top, black acid resisting finish.
Finish—No. 1 or No. 2 Oak.
Equipment—2 flush top inkwells.
Weight crated, 240 lbs.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	22 in.	30 in.	
3 drawers		14½ in.	2¾ in.	14¼ in.
Cupboard		16 in.	16⅛ in.	16½ in.

No. C-307—With locks.
No. C-308—Without locks.
No. C-309—Without cupboard section, with locks.
No. C-310—Without cupboard section, without locks.



No. C-311

No. C-311 BIOLOGY TABLE

This table is large, well proportioned, has two drawers on each side and provides room for four students. The top extends 2½ inches over the rail and is inlaid with linoleum with the edges oak banded.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	42 in.	30 in.	
4 drawers		18½ in.	2¾ in.	14¼ in.

Construction—Body selected white oak. Top inlaid with linoleum.

Finish—No. 1 or No. 2 Oak.
Weight crated, 290 lbs.

No. C-311—Without locks.
No. C-312—With masterkeyed locks.

KEMCO INLAID LINOLEUM TABLE TOPS

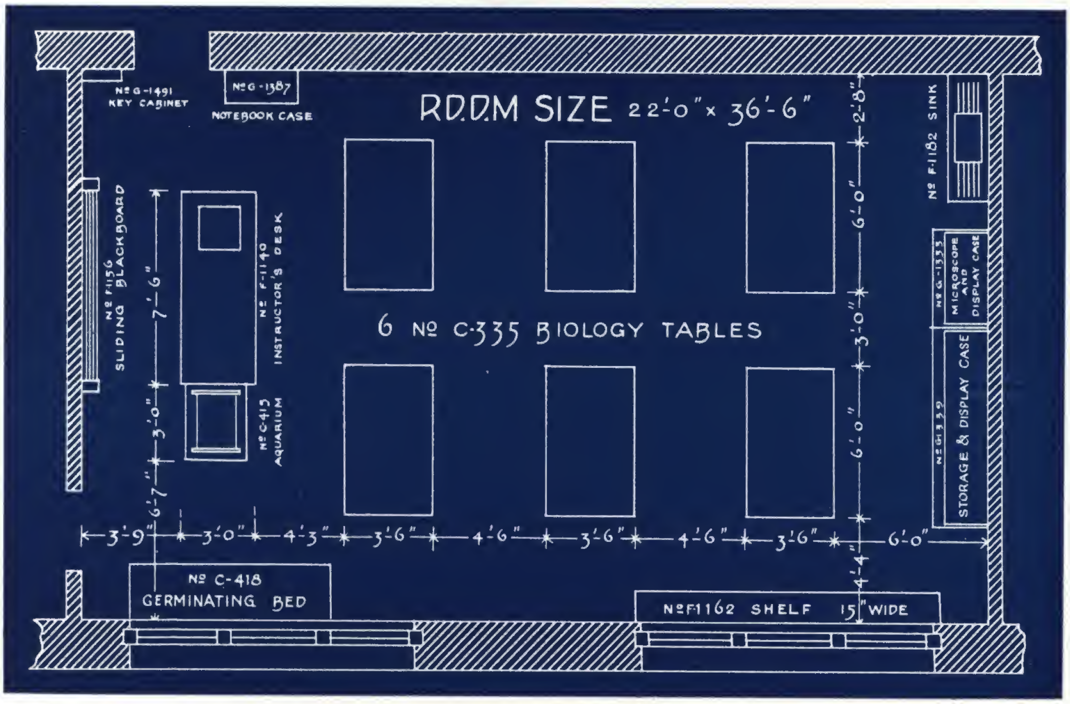
Kemco inlaid linoleum table tops are built up of 1¼ in. thick cross banded plywood as illustrated above, and are covered with the best grade of inlaid linoleum ³⁄₃₂ of an inch thick. The tops are edge banded with white oak as shown and are glued up throughout with casein water proof glue. The advantages of the Kemco inlaid linoleum top for general science, Biology, Physics and other tables and desks, where chemical corrosion is not a factor, are manifest. The Kemco built-up plywood top is not subject to expansion and contraction, and the consequent possibility of warpage, and the Linoleum provides a permanent surface, which does not require refinishing and always retains its good appearance. The care exercised in the manufacture of these tops guarantee years of service and permanent beauty.

Kemco inlaid linoleum tops are a distinct forward step in the laboratory field and are fully guaranteed.

The inlaid linoleum tops are furnished regularly in a pleasing dull green color that is restful to the eyes, but may also be had optionally in medium brown.

ADVANTAGES of the Kemco inlaid linoleum top:

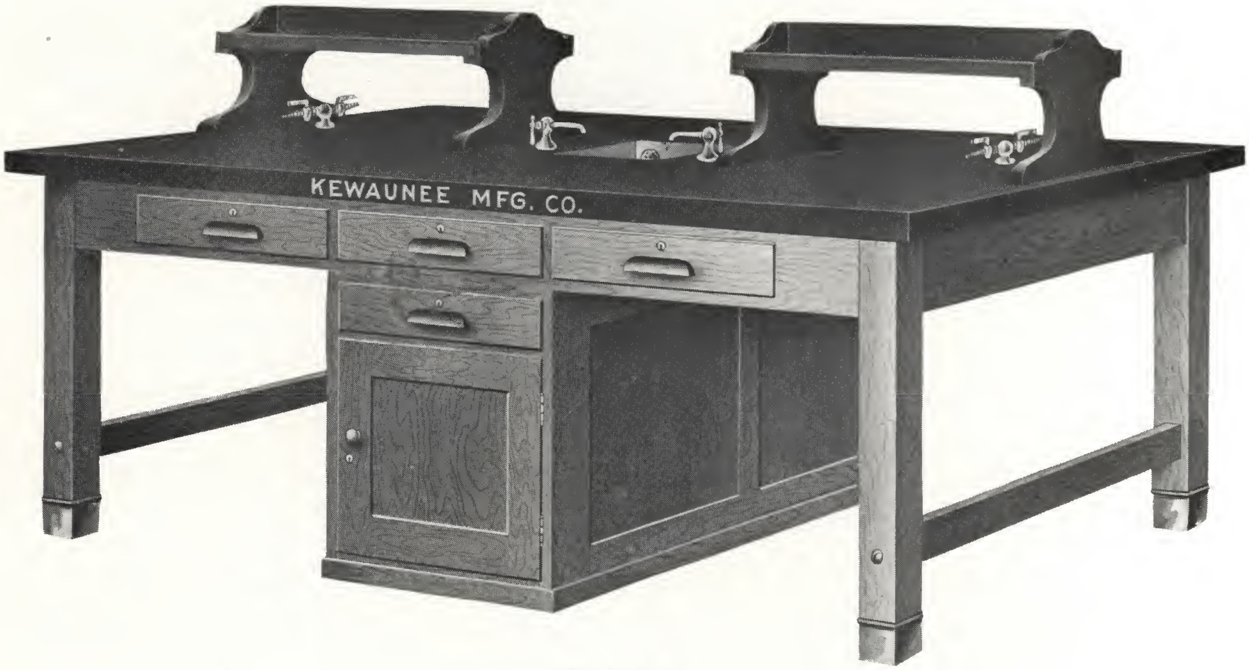
1. Permanent good appearance.
   Inlaid linoleum is the same color throughout and the soft uniform color is not subject to change through wear or cleansing.
2. Smooth durable writing surface.
   Inlaid linoleum affords a very desirable writing surface because it is smooth, firm and free from joints. Does not roughen with use.
3. Free from warpage.
   Inlaid linoleum tops are built up of cross banded plywoods, which virtually eliminate expansion and contraction and the subsequent possibility of top curling or warping.
4. Durability.
   Being built up entirely with water proof casein glue and being covered with inlaid linoleum, which for years has demonstrated its toughness and durability as carpeting, and carefully edge banded with oak "The Wood of Ages," the Kemco inlaid linoleum table top offers a combination of materials that guarantee years of excellent service.
5. Economy.
   Kemco inlaid linoleum table tops cost no more than good solid wood table tops.



BIOLOGY LABORATORY PLAN B

Floor plan layout B shows the use of four-student type Biology tables in a laboratory accommodating 24 students at one time. The complete list of equipment included in the laboratory is as follows:

6 No. C-335, C-311 or C-323 Biology Tables.
1 No. F-1140 Instructor's Desk.
1 No. C-415 Aquarium.
1 No. F-1162 Wall Shelf.
1 No. C-418 Germinating Bed.
1 No. G-1339 Storage and Display Case.
1 No. G-1333 Microscope and Display Case.
1 No. G-1387 Notebook Case.
1 No. G-1491 Key Cabinet.
1 No. F-1182 Sink.
1 No. F-1156 Sliding Blackboard.



No. C-315

No. C-315 BIOLOGY TABLE

The larger Biology Laboratories in High Schools frequently require a Biology Table having water and gas, as well as a bottle rack, and this table is designed to meet these needs. Each student's space has the use of one gas hose cock, and there is a basin cock adjacent to each two students. The sink is equipped with an overflow plug that allows a high water level to be maintained in the sink. The table accommodates two sections of four students each with locked private drawers, and has two general storage cupboards for apparatus.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	42 in.	30 in.	
6 drawers		14½ in.	2¾ in.	14¼ in.
2 drawers		14½ in.	2¾ in.	10 in.
2 cupboards		16 in.	16 in.	17 in.
Lead lined sink	8 in.	8 in.		5 in.

Construction—Body, selected white oak; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

Locks—All different and masterkeyed.

Fixtures—2 nickel plated basin cocks; 2 double long spout gas cocks; plumbing complete to floor line.

Weight crated, 455 lbs.

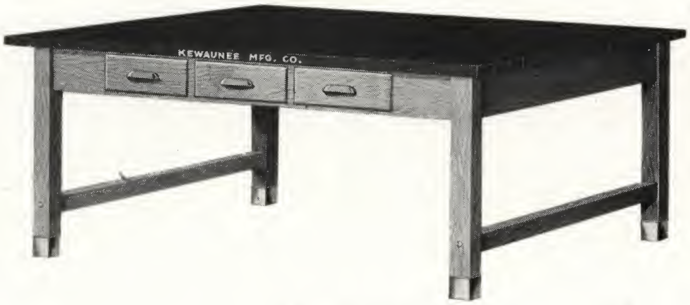
No. C-315—With locks.

No. C-316—Without locks.

No. C-319 BIOLOGY TABLE

A table providing three drawers in each rail answers the requirement of the laboratory where it is desired to accommodate one section with locked private drawers and to further have one general drawer for the use of other sections.

C-319 six drawer biology table may be equipped with gas outlets, electric receptacles, or other table accessories.



No. C-319

SPECIFICATIONS

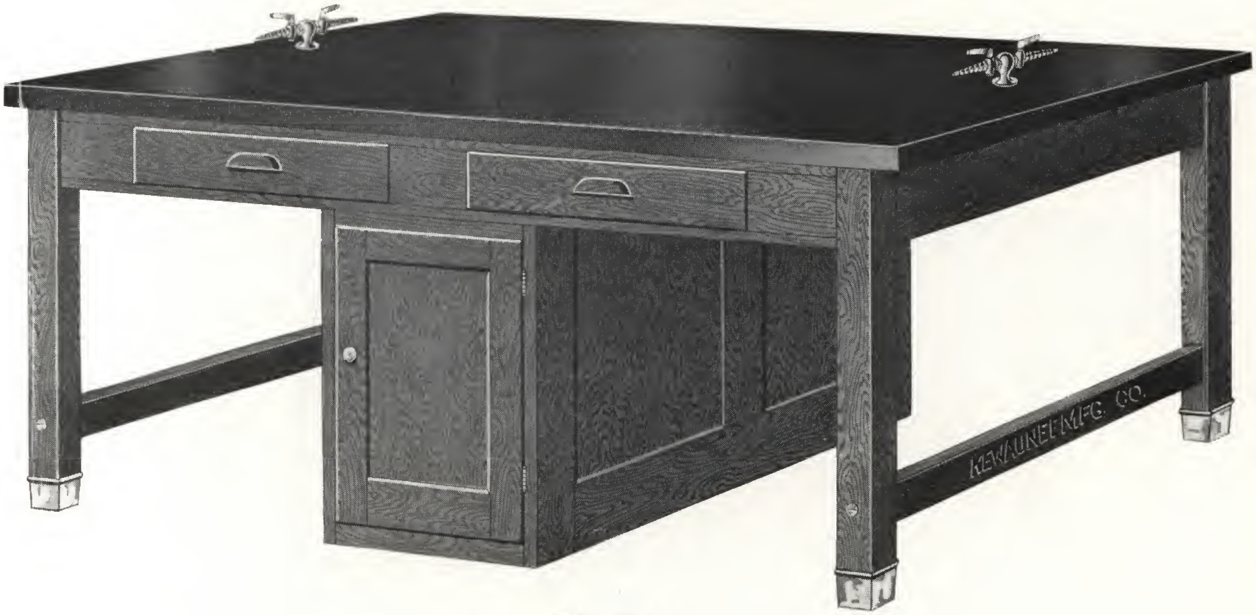
	Length	Width	Height	Depth
Overall	6 ft.	42 in.	30 in.	
6 drawers		14½ in.	2¾ in.	14¼ in.

Construction—Body of selected white oak. Birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak. Locks all different and masterkeyed.

Weight crated, 300 lbs.

No. C-319—Without locks.
No. C-320—Masterkeyed locks.



No. C-323

No. C-323 BIOLOGY TABLE

Some courses in biology require the use of apparatus which is more conveniently kept at the student's desk than in wall form apparatus cases, and table C-323 provides a large cupboard section for this material. The four drawers may be used as common drawers for several sections or will provide private locked drawers for one section. The two double gas cocks can be omitted if desired or additional services can be added.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	42 in.	30 in.	
4 drawers		18½ in.	2¾ in.	14¼ in.
2 cupboards		16 in.	20¼ in.	17⅛ in.

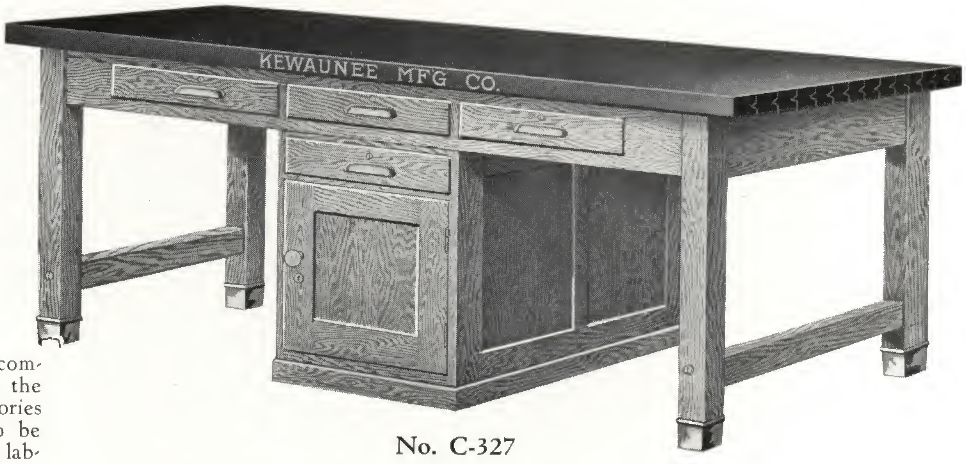
Construction—Oak body; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

Weight crated, 360 lbs.

No. C-323—Without locks.
No. C-324—Masterkeyed locks on drawers.

A two student, two section Biology Table meets the requirement of a great many secondary school biology laboratories and this Biology Table is provided with a cupboard for the storage of apparatus. The unobstructed top combined with the fact that drawer and cupboard accommodations allow all apparatus and other materials to be removed from the table top when not being used for biology, coupled with the fact that all students can be comfortably seated and faced the same way, allow the laboratories equipped with this table to be used for academic as well as laboratory purposes.



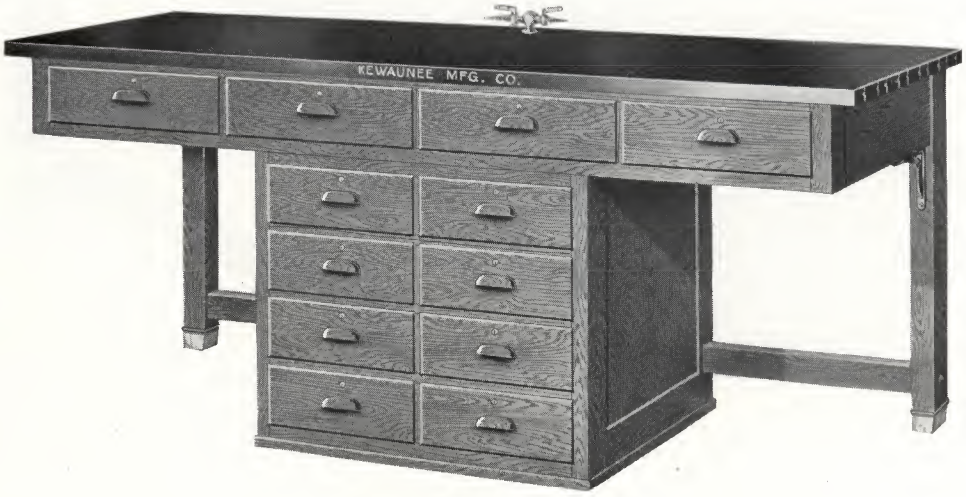
No. C-327

No. C-327 BIOLOGY TABLE

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	28 in.	30 in.	
4 drawers		14½ in.	2¾ in.	19½ in.
Cupboard		16 in.	16¼ in.	22¾ in.

Construction—Oak body; birch top, black acid resisting finish.
Weight crated, 290 lbs.
No. C-327—Masterkeyed locks on 4 drawers.
No. C-328—Without locks.



No. C-331

This six section table is designed for use in those institutions where the Biology Laboratory is used for laboratory purposes only, and will meet the needs of the largest schools. The four drawers in the rail are sufficiently large to store supplies and small apparatus when only four or five sections are using the laboratory.

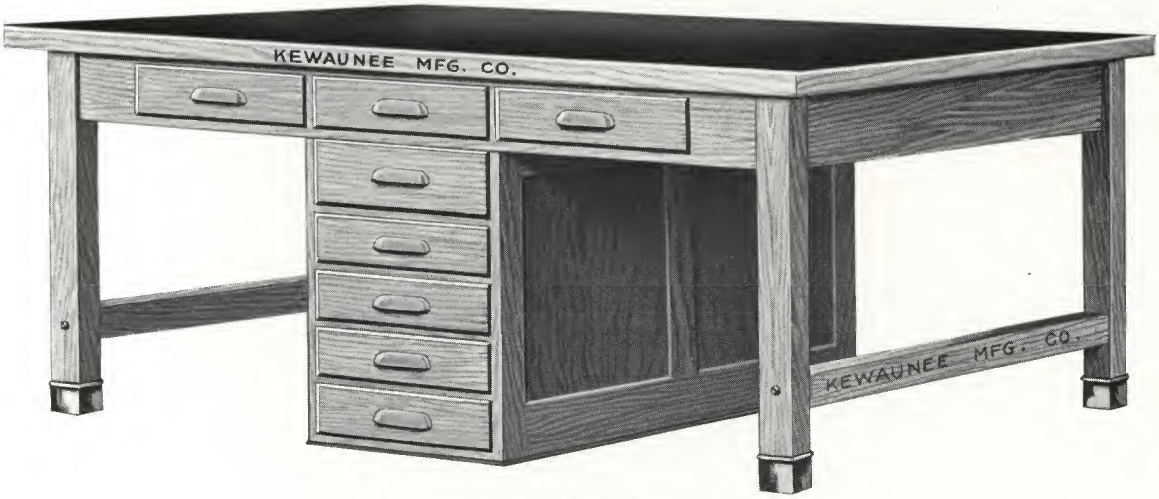
No. C-330 BIOLOGY TABLE

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	24 in.	30 in.	
4 drawers		14¼ in.	3¼ in.	16 in.
8 drawers		10½ in.	3¼ in.	16 in.

Construction—Oak body; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.
Fixtures—1 double gas cock.
Weight crated, 340 lbs.
No. C-330—With masterkeyed locks on pedestal drawers only.
No. C-331—With masterkeyed locks on all drawers.



No. C-334

No. C-334 BIOLOGY TABLE

This four section, four legged table is very rigid, has very roomy recesses, and is equipped with Kemco Inlaid Linoleum Top. This table is very widely used and meets the most exacting requirements of the larger schools.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	42 in.	30 in.	
16 drawers		14½ in.	2¾ in.	14¼ in.

Construction—Body of selected white oak; top, inlaid linoleum.

Finish—No. 1 or No. 2 Oak.

Weight crated, 440 lbs.

No. C-334—Without locks.

No. C-335—With masterkeyed locks.

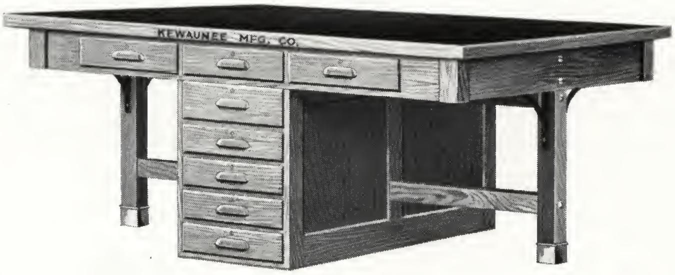
No. C-338 BIOLOGY TABLE

No. C-338 Biology Table is identical with No. C-334 table except that the four legs have been replaced with two center legs securely bolted to the end rail and braced with cast iron brackets. This table is preferred in some instances where swinging chairs or swivel metal chairs are used.

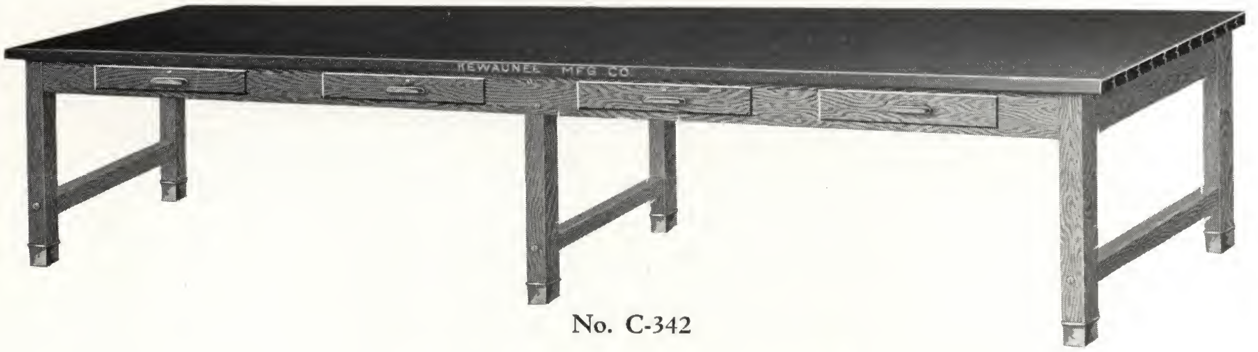
Weight crated, 420 lbs.

No. C-338—Without locks.

No. C-339—Masterkeyed locks.



No. C-339



No. C-342

No. C-342 BIOLOGY TABLE

This single type eight student Biology Table fulfills a definite need in the narrow laboratory, as it saves the center aisles required between two-student tables. The Kemco Inlaid Linoleum top may be substituted for the black acid resisting top shown, if desired. The table is provided with four drawers, which will accommodate one section of students with private locked drawers.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	30 in.	32 in.	
4 drawers		18½ in.	2¾ in.	20 in.

Construction—Oak body; birch top, black acid resisting finish.

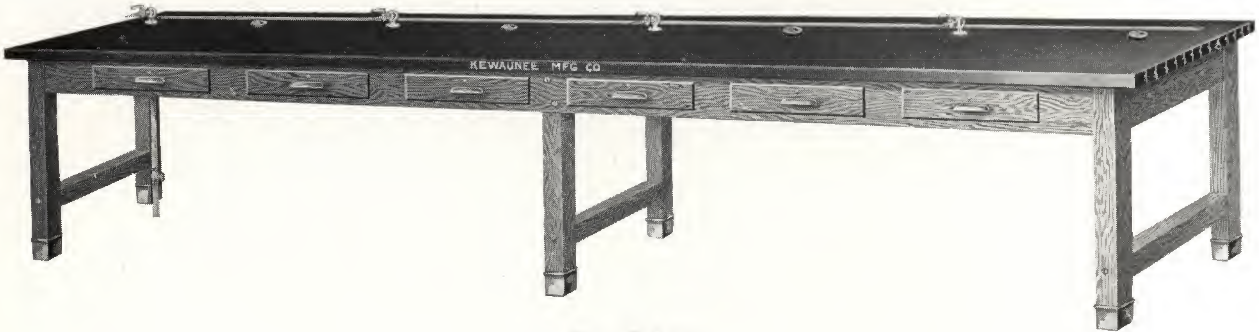
Finish—No. 1 or No. 2 Oak.

Locks—All different and masterkeyed.

Weight crated, 410 lbs.

No. C-341—Without locks.

No. C-342—With masterkeyed locks.



No. C-346

No. C-346 BIOLOGY TABLE

Biology Table No. C-346 is equipped with pencil groove, ink wells and four single gas cocks. The table accommodates four students at one time and is furnished with six drawers, which allows one section the use of private locked drawers and provides one common drawer between each two students. This table is very practical for use where General Science is also taught in the Biology Laboratory and where the laboratory is also to be used during some periods for academic or study room purposes.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	22 in.	30 in.	
6 drawers		14½ in.	2¾ in.	14¼ in.

Construction—Oak body; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

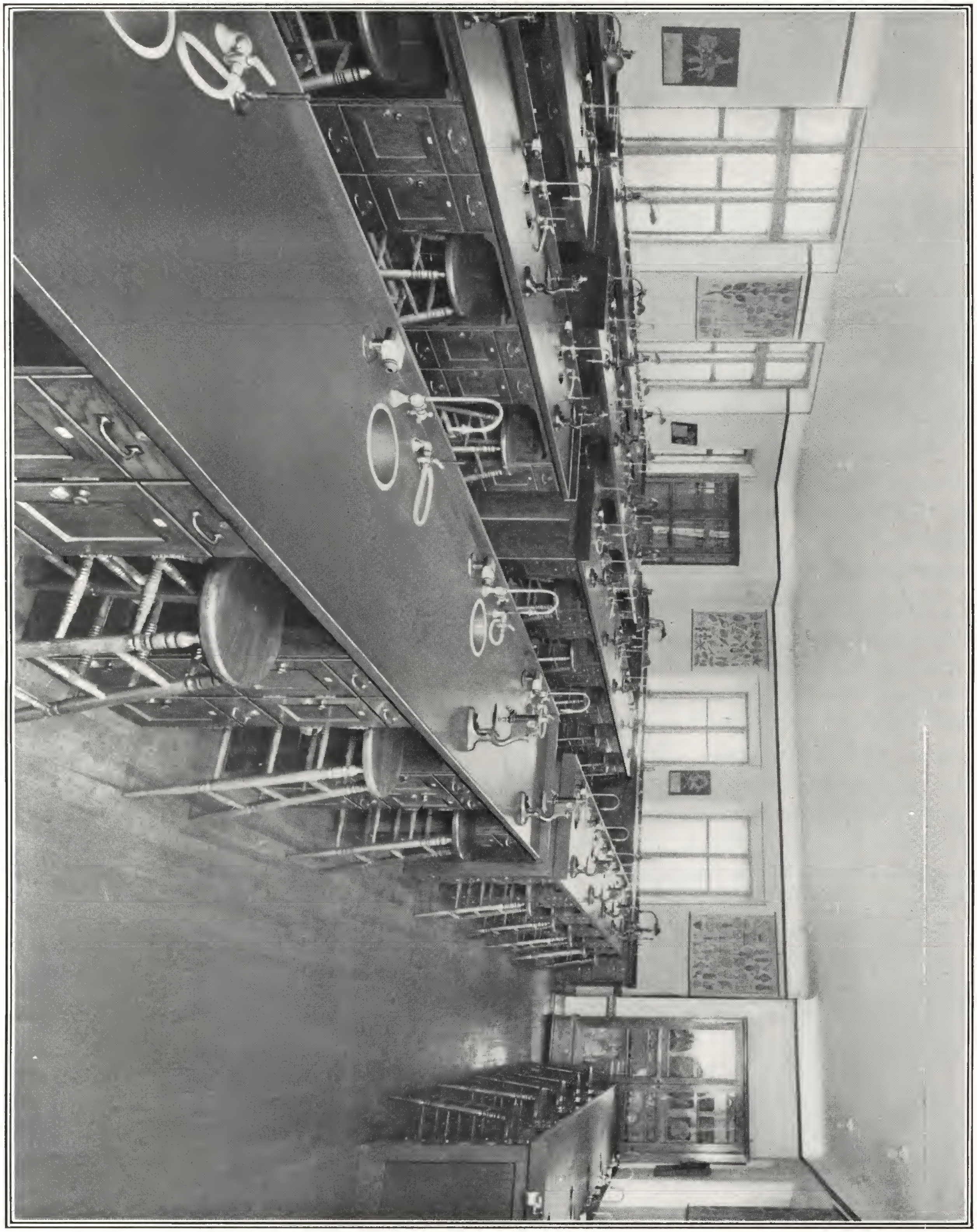
Locks—All different and masterkeyed.

Fixtures—4 single gas cocks; 4 flush ink wells.

Weight crated, 350 lbs.

No. C-345—Without locks.

No. C-346—Masterkeyed locks.



BIOLOGY LABORATORY — ST. JOSEPH'S COLLEGE — PHILADELPHIA, PA.

This photograph illustrates the Biology Students' Tables listed on the following pages.

No. C-350 COLLEGE BIOLOGY TABLE

The photograph of the Biology laboratory illustrated on the preceding page shows clearly the many advantages of this design of table.

The proper design of equipment for the college Biology laboratory has always presented a number of problems, and the design of the C-350 Biology table is the result of years of study by a very eminent biologist.

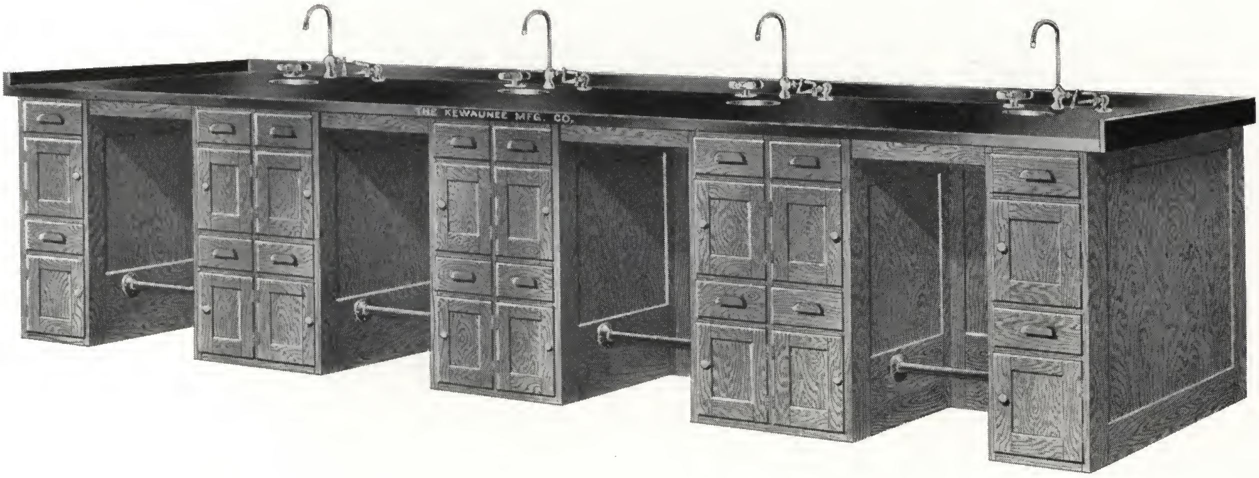
We feel that the presentation of the C-350 Biology table is a very distinct forward step in the Biology laboratory furniture field and that this table meets all college Biology student table requirements.

These tables are so designed as to provide four linear feet of working space for each student. The tables are single and all students face one direction. Each working space is provided with individual hemispherical sink, water, gas and electricity. The tables are 40 inches high and enable the student to work comfortably while standing or while seated on a 32-inch high stool. The height of this table is extremely convenient for the demonstrator, who can pass from one microscope to another examining specimens without having to stoop uncomfortably as is the case with the lower tables. This 40-inch height further provides sufficient room for four lockers at each working space, thus allowing four sections of students to be provided with private locked drawer and cupboard. The drawer is approximately 3 inches deep by 2 feet long and 1 foot wide, and the compartment underneath the drawer is 13 inches high, and the combination of drawer and cupboard provides sufficient space to store a microscope and all necessary apparatus and glassware.

The presence of water and sink at each working space adapts this table satisfactorily to laboratory use in both General Biology and Bacteriology. The fact that all students face one direction and have all necessary facilities at each working space makes supervision easy and eliminates any necessity for confusion in the Biology laboratory so equipped. There is always a certain amount of confusion present where it is necessary for students to pass to and fro to a common water or gas supply or sink.

No. C-350 Biology and Bacteriology tables are furnished in units of four feet and can be had in any desired length.

We highly recommend the many advantages of this design of Biology and Bacteriology table where the ultimate in convenience and the maximum of efficiency are required in the college Biology or Bacteriology laboratory.


THE KEWAUNEE MFG. CO.

No. C-350 BIOLOGY AND BACTERIOLOGY TABLE

Accommodating four sections of four students each, this table provides one locked drawer and cupboard and four linear feet of working surface on the top to each student. Each students working space is provided with a single pantry cock, a single gas cock, a BNM type electric receptacle and a heavy spun copper hemispherical sink. The recess at each students working space is provided with heavy iron pipe foot rest and allows the student to work very comfortably while seated. All plumbing and electrical supply lines are accessible through removable panels at the rear of the desk.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	16 ft. 3½ in.	33 in.	40 in.	
16 drawers		9½ in.	3¾ in.	22¼ in.
16 cupboards		11 in.	12⅝ in.	28 in.

4 Copper Hemispherical sinks 8 inches in diameter.

Construction—Oak body; birch top, finished black acid resisting.

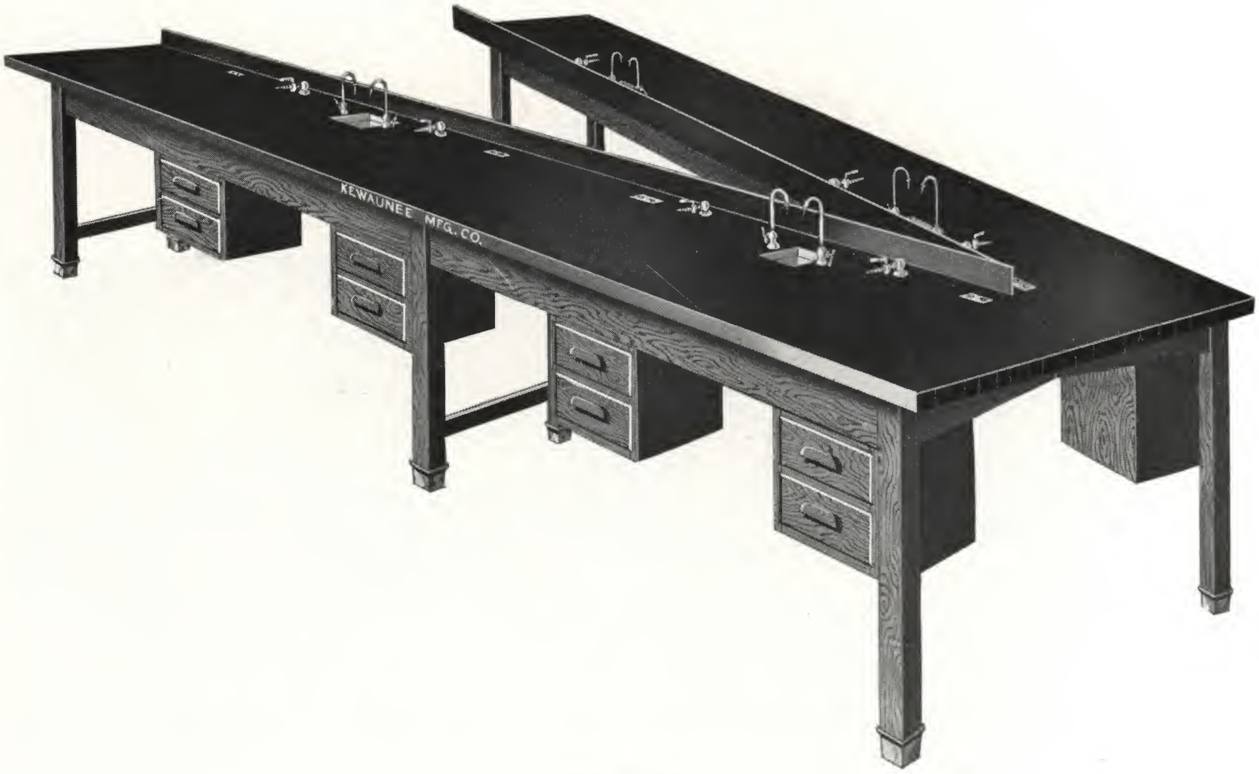
Finish—No. 1 or No. 2 Oak.

Fixtures—4 single pantry cocks; 4 single gas cocks; 4 B. N. M. type electric receptacles.

Weight crated, 1050 lbs.

No. C-350—Without locks.

No. C-351—With masterkeyed locks on drawers and cupboards.



No. C-354

No. C-354 TRAPEZOIDAL MICROSCOPE TABLE

College Biology Laboratories and Medical Colleges will find this Trapezoidal Microscope Table very convenient and practical. When the open end of the table is placed against the window side of the laboratory, each student receives direct light, unobstructed by the student working at his side toward the window. Electric outlets are provided for each student to form a connection for daylight lamps, and one sink with two pantry cocks is available to each two students. Each student is provided with a single spout gas hose cock. The table accommodates eight students working at one time and two private drawers are available at each students working space. A raised ledge at the back of each wing prevents material being pushed off the back of the table top. A large end sink can be installed at the closed end of the table if desired.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	13 ft.	8 ft. 3 in.	31 in.	
Narrow end		3 ft		
16 drawers		9 in.	3¼ in.	9 in.
4 sinks	6 in.	6 in.		8 in.

Construction—Body, selected white oak; birch top, finished black acid resisting.

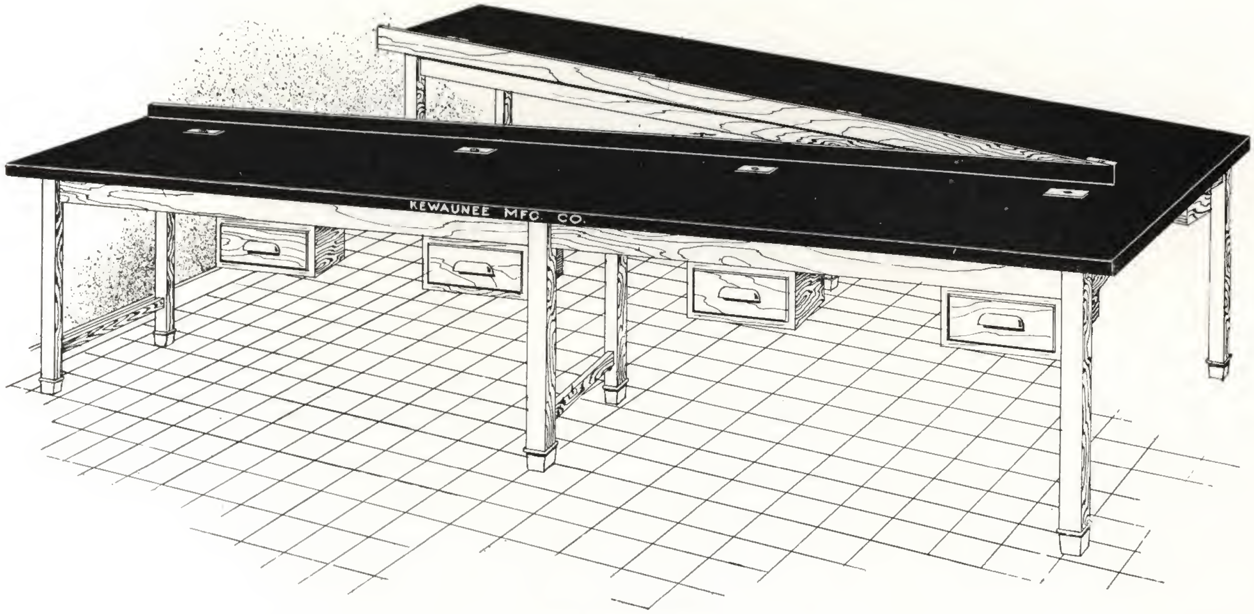
Finish—No. 1 or No. 2 Oak.

Fixtures—8 duplex electrical outlets, 8 single spout gas cocks, 8 single pantry cocks.

Weight crated, 900 lbs.

No. C-354—Without locks.

No. C-355—Masterkeyed locks.


KEWAUNEE MFG. CO.

No. C-358

No. C-358 TRAPEZOIDAL TABLE

Trapezoidal Table No. C-358 has all the advantages of the more elaborate Trapezoidal Table No. C-354 for microscopic work, but provides only one drawer to each student's working space and is not equipped with gas outlets nor with sinks or water supply. This table accommodates eight students at one time.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	13 ft.	8 ft. 3 in.	31 in.	
Narrow end		3 ft.		
8 drawers		9 in.	3¼ in.	9 in.

Construction—Body, selected white oak; birch top, finished black acid resisting.

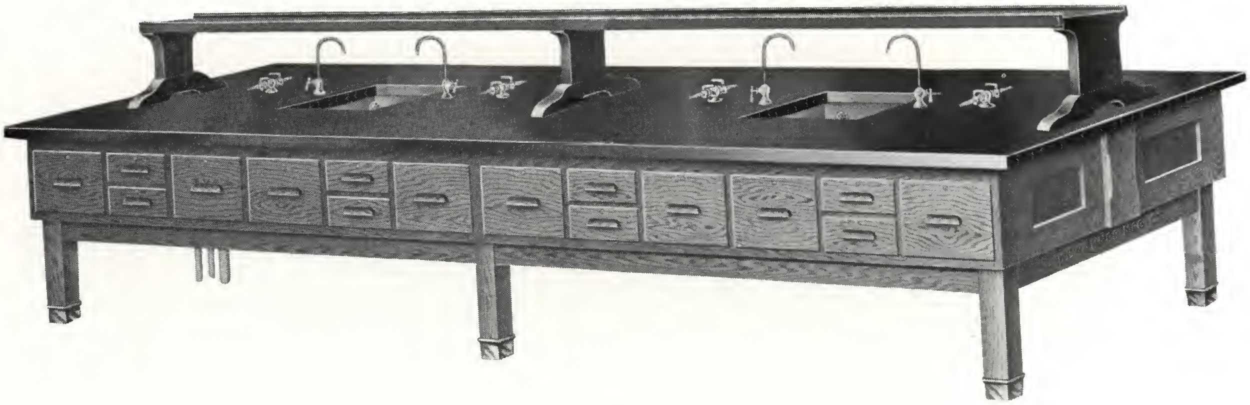
Finish—No. 1 or No. 2 Oak.

Fixtures—8 electrical outlets.

Weight crated, 750 lbs.

No. C-358—Without locks.

No. C-359—Masterkeyed locks.



No. C-363

No. C-363 MILK TESTING LABORATORY DESK

A great many Dairy Buildings and State Universities and Colleges have been equipped with this type of Milk Testing Laboratory Table.

The table is furnished with soapstone or wood top, as desired, but the soapstone top is recommended.

The table has a Sanitary Base and the combination of Soapstone Top and Sanitary Base allows thorough cleanliness to be maintained. The two center type sinks are commodious.

Two sections of eight students each are accommodated with private locked drawers and each student has one large and one small drawer. Where locks are ordered, the two locks on each student's drawers are keyed alike.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
16 drawers		9½ in.	8¼ in.	15¾ in.
16 drawers		7½ in.	3¼ in.	15¾ in.
2 sinks	15 in.	14 in.		5½ in.

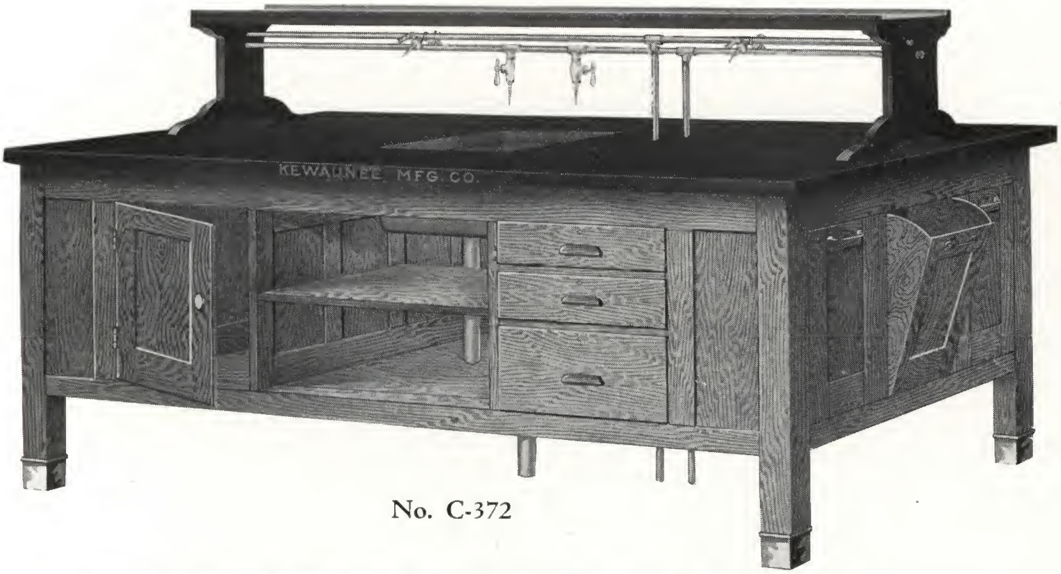
Construction—Oak body; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

Locks—Individual masterkeyed locks.

Fixtures—4 nickel plated pantry cocks, 4 double long "Kewaunee" gas cocks.

No. C-361— 6 ft. wood top. Weight crated 760 lbs.
No. C-362— 6 ft. stone top. " " 1048 "
No. C-363—12 ft. wood top. " " 1200 "
No. C-364—12 ft. stone top. " " 1775 "
No. C-365—15 ft. wood top. " " 1500 "
No. C-366—15 ft. stone top. " " 2220 "
No. C-367—18 ft. wood top. " " 1800 "
No. C-368—18 ft. stone top. " " 2674 "



No. C-372

No. C-372 AGRICULTURAL LABORATORY TABLE

Providing as it does varied cupboard, shelving, drawer and bin storage space, this table meets all of the needs of the Agricultural Laboratory. Three soil bins swing out at each end and an open recess with shelf, a single cupboard and three drawers are provided on each side of the table. The table is provided with a large center type sink, two straight-way water cocks and two double gas hose cocks, which are suspended in the full length heavy reagent shelf.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	7½ ft.	42 in.	36 in.	
2 drawers		15¾ in.	3¼ in.	15¼ in.
2 drawers		15¾ in.	4¼ in.	15¼ in.
2 drawers		15¾ in.	6½ in.	15¼ in.
Cupboards		16 in.	18 in.	18 in.
6 soil bins		8¼ in.	17 in.	8¼ in.
Iron Sink	24 in.	16 in.		6 in.

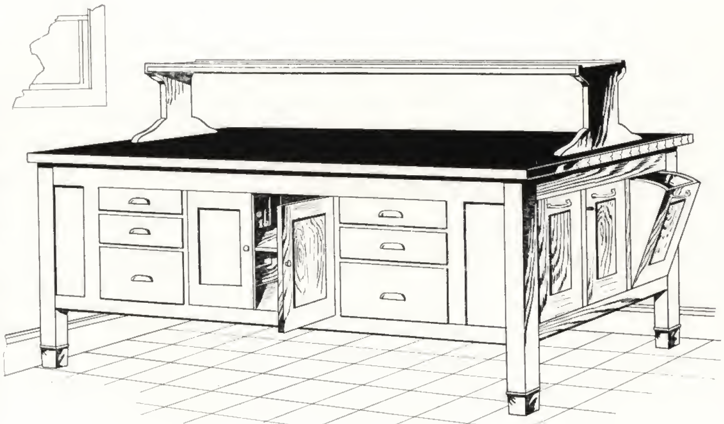
Construction—Oak body; birch top, black acid resisting finish.
Finish—No. 1 or No. 2 Oak.
Locks—Masterkeyed locks.
Fixtures—2 double "Kewaunee" long spout gas cocks; 2 water cocks.
All plumbing complete to floor.
Weight crated, 850 lbs.
No. C-372—Agricultural Table.

No. C-374 AGRICULTURAL LABORATORY TABLE

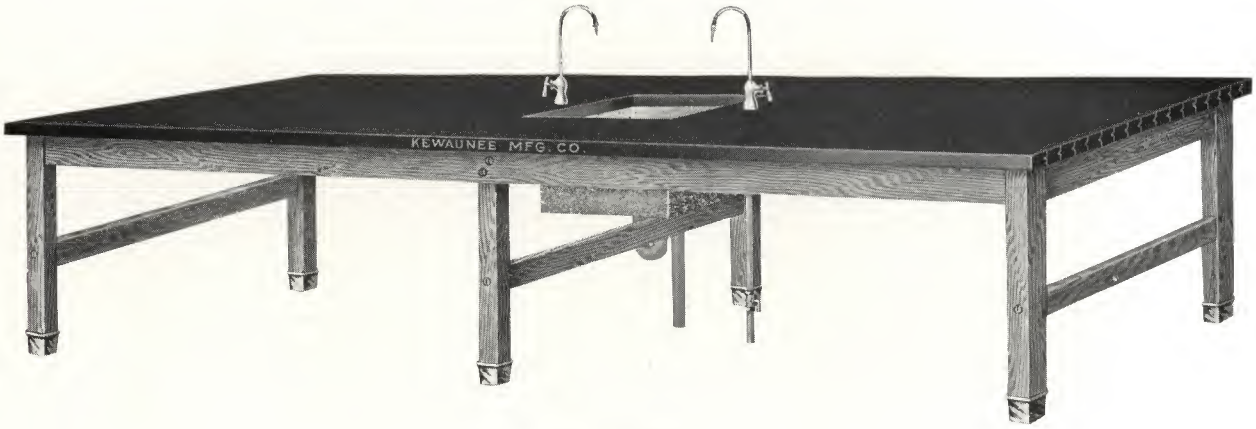
This table is identical with C-372 Agricultural Laboratory Table illustrated above except that the single cupboard on each side of the table is replaced with three drawers as illustrated and the open recess is covered with double swinging doors. Gas, water and sinks are omitted.

This arrangement is preferred where the table is used by two sections of four students each, with the large bottom drawers and cupboards being common to all students and the four top drawers on each side being assigned, one to each section.

No. C-374—Without locks.
No. C-375—Masterkeyed locks on eight small drawers only.



No. C-374



No. C-377

No. C-377 AGRICULTURAL WORK TABLE

A black, acid resisting top table for preparing soil for seeds; to make up the germinating boxes; studying soils and fertilizers, grains and seeds; sorting, mounting and labeling specimens, and all work pertaining to the study of soils and crops. It is twelve feet long and four feet wide, and a sink 22 x 18 x 12 inches deep is set in center of top having two pantry cocks for cold water. The deep sink is particularly desirable in the work for which this table is used.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	32 in.	
Stone Sink	22 in.	18 in.		12 in.

Construction—Oak body; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

Fixtures— 2 water cocks. Piping to floor line.

Weight crated, 630 lbs.

No. C-377—Agricultural Work Table.

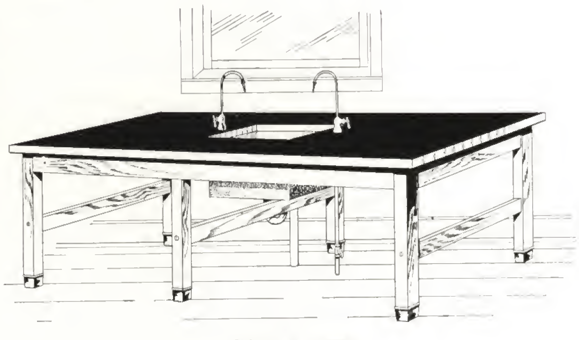
No. C-378 AGRICULTURAL WORK TABLE

This Work Table has the same sink and plumbing as the larger table illustrated above. This six foot Agricultural Table can some times be used more conveniently where floor space is limited, than the twelve foot table shown above.

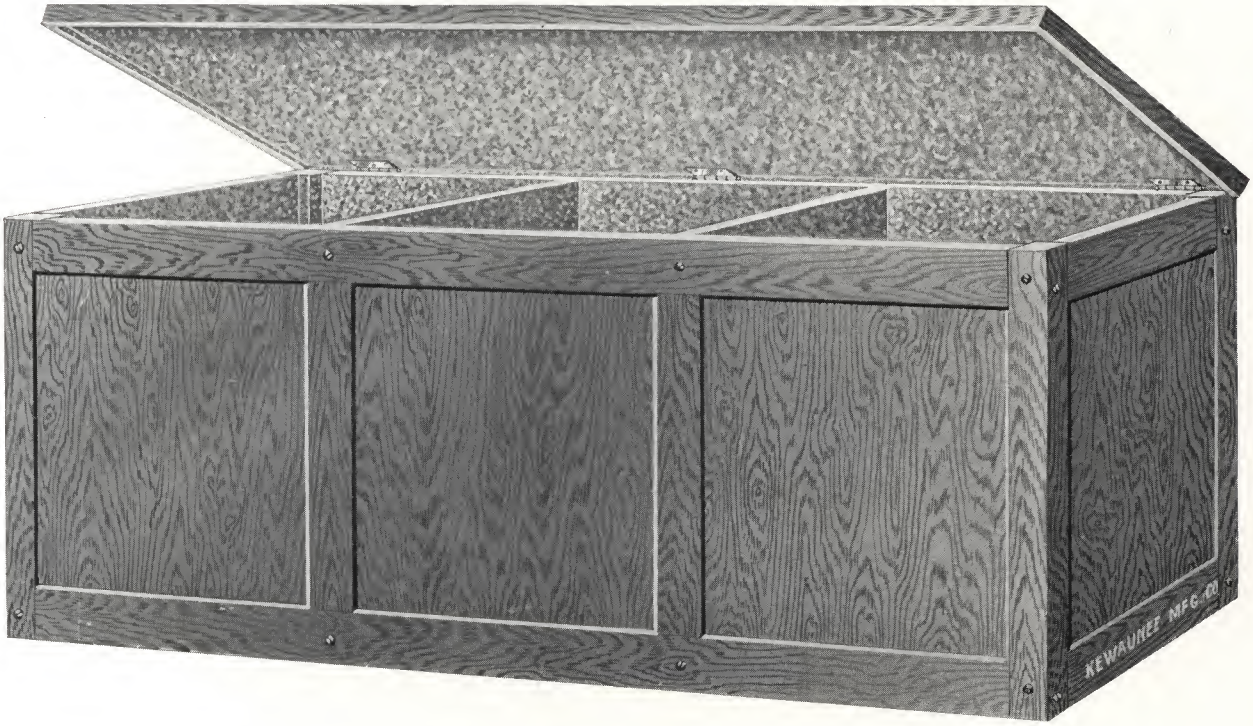
C-378 is six feet long, but in other respects is identical to C-377 shown above.

Weight crated, 400 lbs.

No. C-378—Agricultural Work Table.



No. C-378



No. C-381

No. C-381 BIOLOGY AND AGRICULTURAL SOIL BIN

A properly designed soil bin is a necessity in the Agriculture and Biology Laboratories and this three compartment bin meets all laboratory requirements. It is very solidly built to withstand the weight of the soils stored in it and completely lined with heavy galvanized iron. The hinged lid swings back against the wall.

This soil bin is built in three compartment units and may be had in any desired length, two feet being added to the overall length for each compartment added.

The rim of the lid fully encloses the opening between the lid and the cabinet making a tight joint.

SPECIFICATIONS

	Length	Width	Height
Overall	6 ft.	30 in.	24 in.
3 compartments	21¾ in.	27½ in.	20 in.

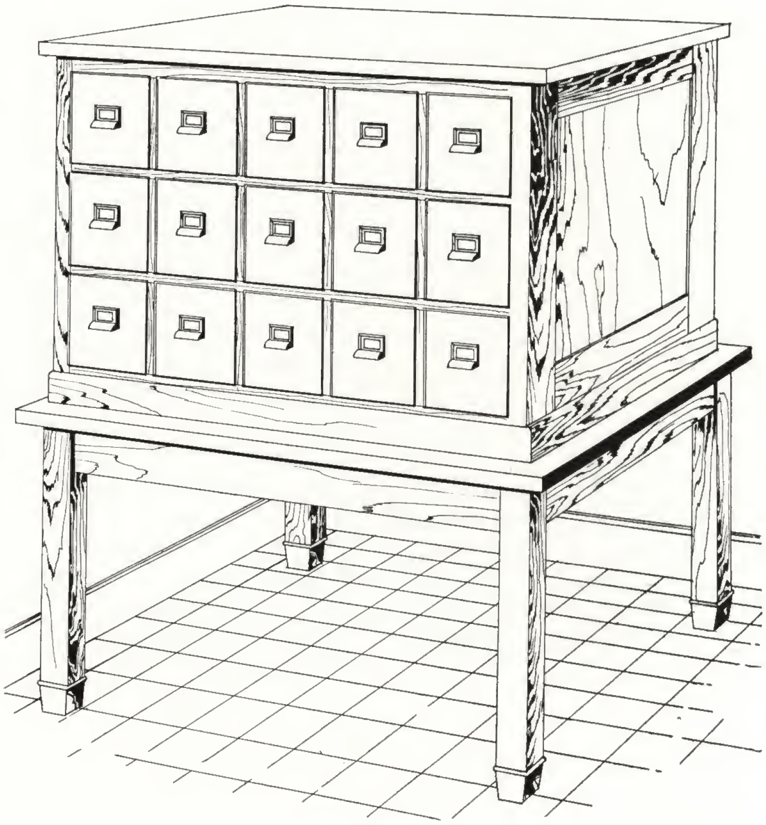
Construction—Built of selected white oak, completely lined with galvanized iron.

Finish—No. 1 or No. 2 Oak.

No. C-381—Soil Bin, three compartment six feet long. Weight crated, 325 lbs

No. C-382—Soil Bin, six compartment twelve feet long. Weight crated, 650 lbs.

No. C-383—Soil Bin, nine compartment eighteen feet long. Weight crated, 975 lbs.



No. C-386

No. C-386 LANTERN SLIDE CABINET

This Lantern Slide Cabinet has fifteen drawers and stores 750 Lantern Slides. The Lantern Slides are filed vertically, so that the indexes can be read without removing the slide. Drawers are designed to accommodate standard 3¼ x 4 inch slides. All drawers are provided with label holders.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall		30 in.	51 in.	26½ in.
Cabinet		29½ in.	21 in.	25½ in.
Table		30 in.	30 in.	26½ in.

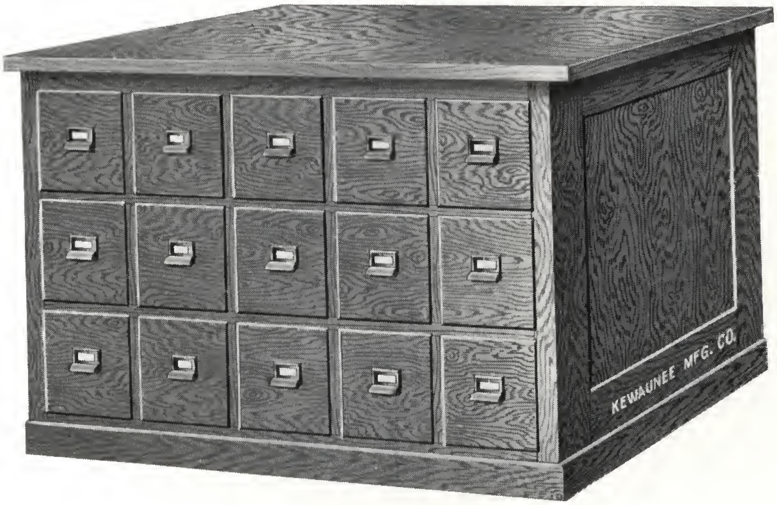
Construction—Selected white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated, 260 lbs.

No. C-386—Lantern Slide Cabinet, without locking device.

No. C-387—Lantern Slide Cabinet, with locking device.



No. C-390 LANTERN SLIDE CABINET

This cabinet is identical with No. C-386 Lantern Slide Cabinet except that the table is omitted.

No. C-390

SPECIFICATIONS

	Length	Width	Height	Depth
Overall		29½ in.	21 in.	25½ in.

Construction—Built of Selected white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated, 180 lbs.

No. C-390—Lantern Slide Cabinet, without locking device.

No. C-391—Lantern Slide Cabinet, with locking device.

No. C-393 LANTERN STAND

This Lantern Stand is designed for use in lecture rooms and laboratories and the 50 inch height, coupled with the adjustable feature, allows the projection to be thrown to any desired height.

The stand is very rigid and is provided with two shelves for slide cases and other equipment. Four supply drawers are furnished in the rail, each accommodating fifty slides and the slides are filed vertically in the drawers, so that indexes on the edge of slides can be read conveniently.

SPECIFICATIONS

	Width	Height	Depth
Overall	39 in.	50 in.	18 in.

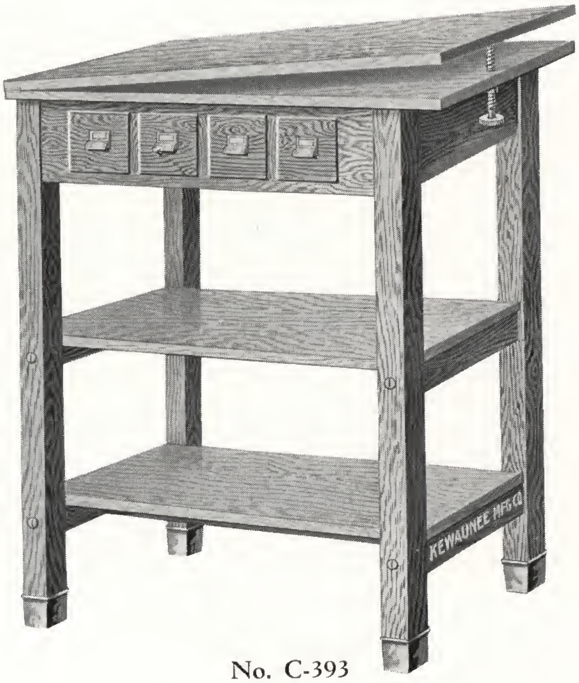
Construction—Built of selected white oak.

Finish—No. 1 or No. 2 Oak.

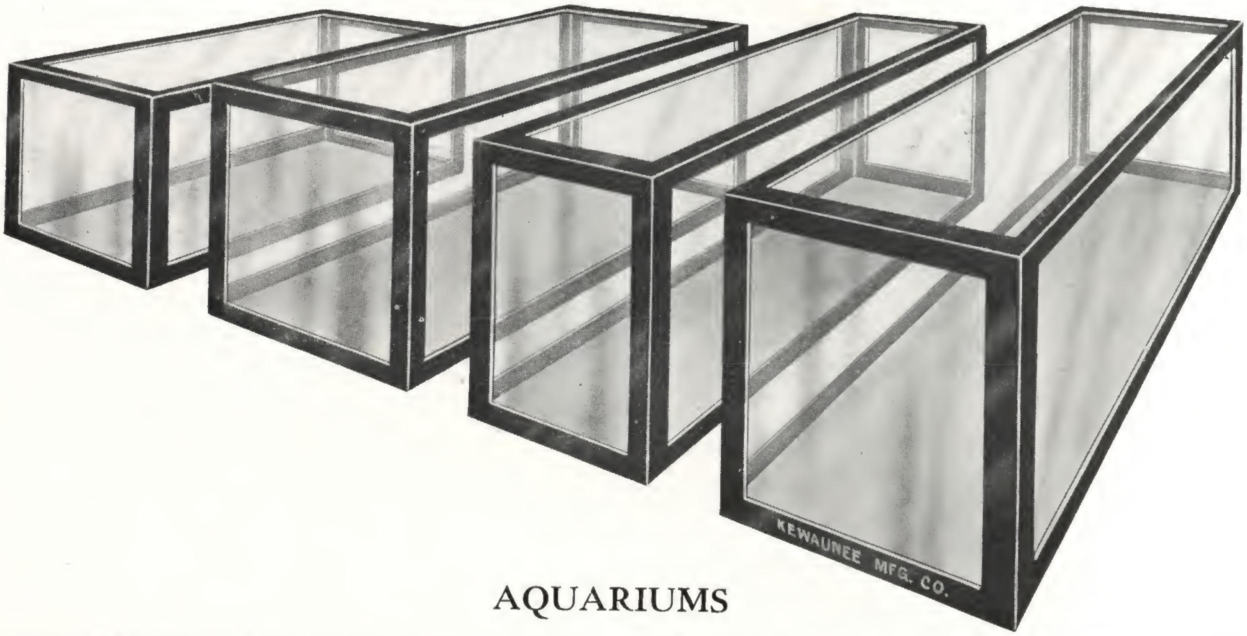
Weight crated, 200 lbs.

No. C-393—Lantern Stand as illustrated.

No. C-394—Lantern Stand complete with four swivel castors.



No. C-393



AQUARIUMS

These Metal Framed Aquariums are very sturdily built and satisfactorily meet all requirements of the ordinary Biology Laboratory. The metal frames are narrow and afford little obstruction to vision, while the ends as well as the sides are all glass, affording the maximum of light.

Frames are attractively finished in green enamel and the bottom is metal, glass covered. All glass is set with special aquarium cement, which never becomes brittle, and the aquarium base has rubber bumpers, which prevent marring or scratching the table tops. All glass is D. S. A. and aquariums are guaranteed leak proof. Shipped fully set up.

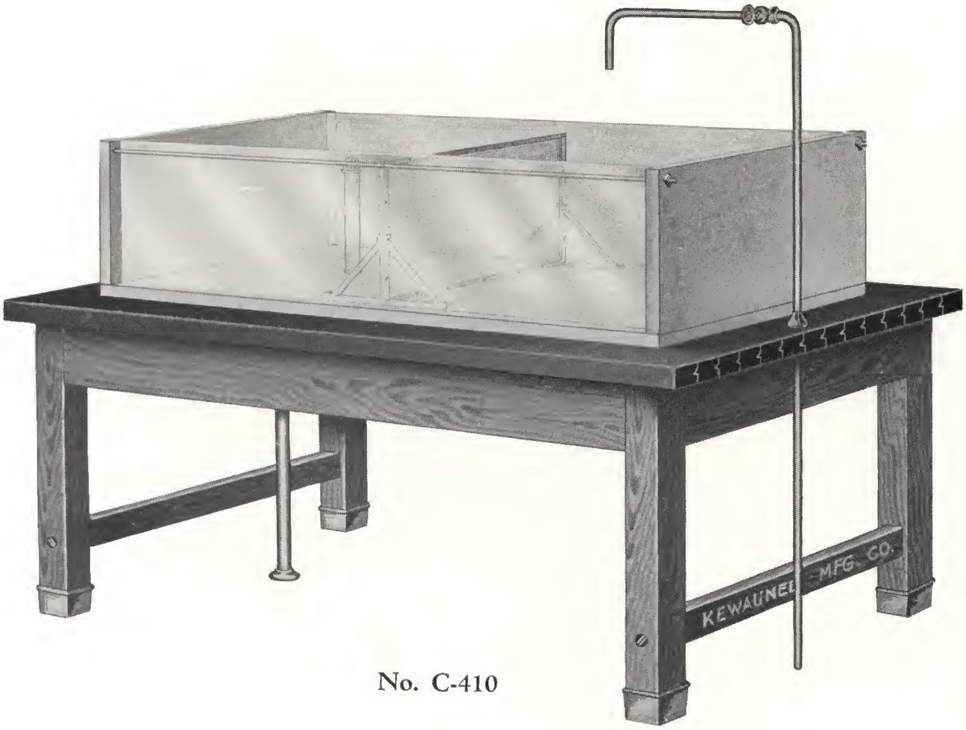
	Length	Width	Height	Capacity	Weight
No. C-400 Aquarium	20 in.	10 in.	10 in.	6 9/10 gal.	22 lbs.
No. C-401 Aquarium	28 in.	12 in.	8 in.	9 gal.	29 lbs.
No. C-402 Aquarium	24 in.	12 in.	12 in.	12 gal.	32 lbs.
No. C-403 Aquarium	30 in.	12 in.	12 in.	15 1/10 gal.	45 lbs.

No. C-404 STOCK TANK OR AQUARIUM

This aquarium is strongly built with one inch angle iron metal frame having welded joints and one inch thick slate bottom, to which frame is rigidly bolted. The sides are of ¼ inch plate glass and a sheet of plate glass is laid over the slate bottom. Heavy durable construction is contained in this aquarium, without decreasing visibility and light by using heavy solid ends, and the aquariums are very desirable from this standpoint. The frame and stand are finished throughout with green enamel.

No. C-404—Stock Tank or Aquarium.
Length 36 in., width 14 in., height 14 in.
Capacity 25.5 gal. Weight 193 lbs.
No. C-405—Stock Tank or Aquarium.
Same as above, but without stand.
Weight 133 lbs.
Add for glass shelf in stand.

No. C-404


KEWAUNEE MFG. CO.

No. C-410

No. C-410 AQUARIUM

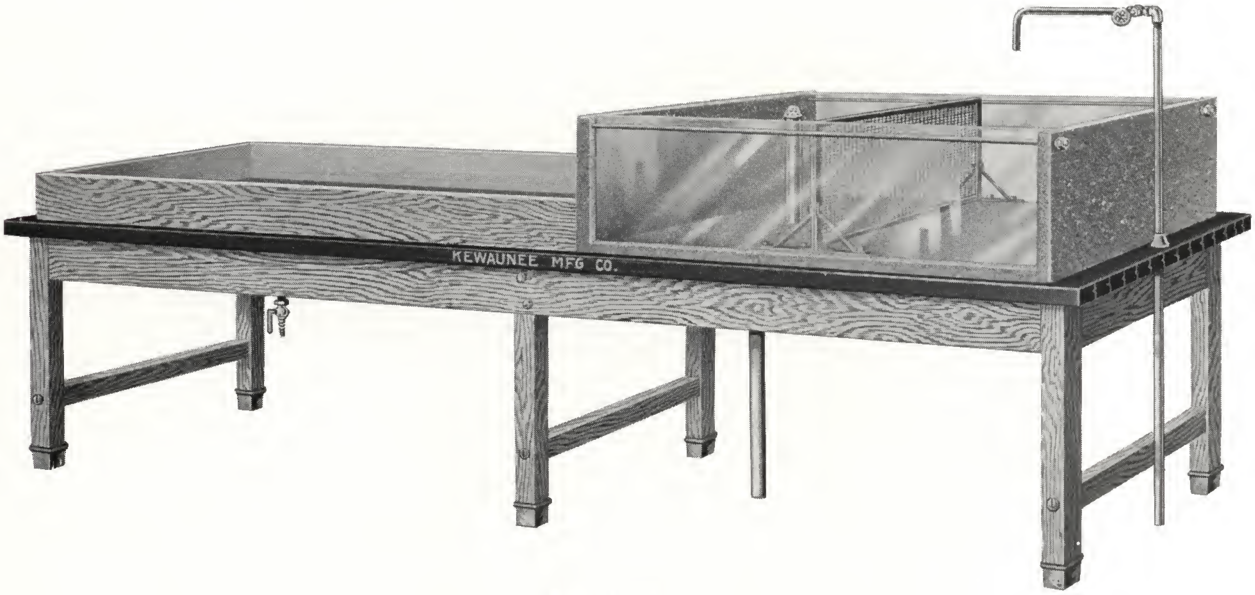
The ends and bottom of this aquarium are made of soapstone, with front and back of clear plate glass. The glass is set in the stone and cemented water tight, brass rods along the top edges of the glass adding to its rigidity. Plumbing fixtures supplied consist of a vertical supply pipe of brass, nickel-plated, with one outlet controlled by a valve; one vertical overflow, plug, and trap; all piping complete to floor. The wire gauze partition is of brass and is used to divide the aquarium into two sections of varying sizes, the partition being movable. Table is built of oak, very heavy and substantial, with 1⅝ inch birch top finished black acid resisting.

SPECIFICATIONS

	Length	Width	Height	Depth
Aquarium	50 in.	24 in.		15 in.
Table	58 in.	32 in.	30 in.	

Weight crated, 640 lbs.

No. C-410—Aquarium as illustrated.



No. C-412

No. C-412 GERMINATING AND AQUARIUM TABLE

In this ten foot design we list a large and most complete Plant and Aquarium Table. The plant box, or germinating bed, is lined with heavy sheet lead and is fitted with drain cock in the bottom center. The Aquarium is our regular standard soapstone and plate glass construction design with wire gauze partition. Both the plant box and aquarium are "built on" to a heavy, substantial oak table making a piece of furniture of sturdy beauty and utility.

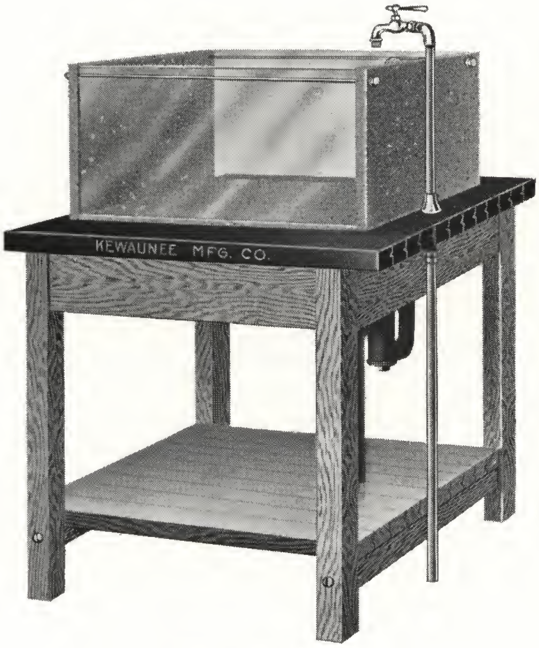
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	10 ft.	24 in.	45 in.	
Plant box	5 ft. 2 in.	24 in.		6 in.
Aquarium	50 in.	24 in.		15 in.

Fixtures—Overflow pipe; supply pipe and valve.

Weight crated, 890 bs.

No. C-412—Germinating and Aquarium Table.



No. C-415

No. C-415 AQUARIUM

This aquarium will meet the needs of most High School Biology Departments having sufficient capacity to accommodate a great many specimens.

The glass and soapstone aquarium is mounted on a very rigid aquarium table having a regular 1⅝ in. thick acid resisting finished counter and a heavy shelf. The aquarium is complete with drain and trap, and water is supplied through a nickel-plated brass supply pipe.

SPECIFICATIONS

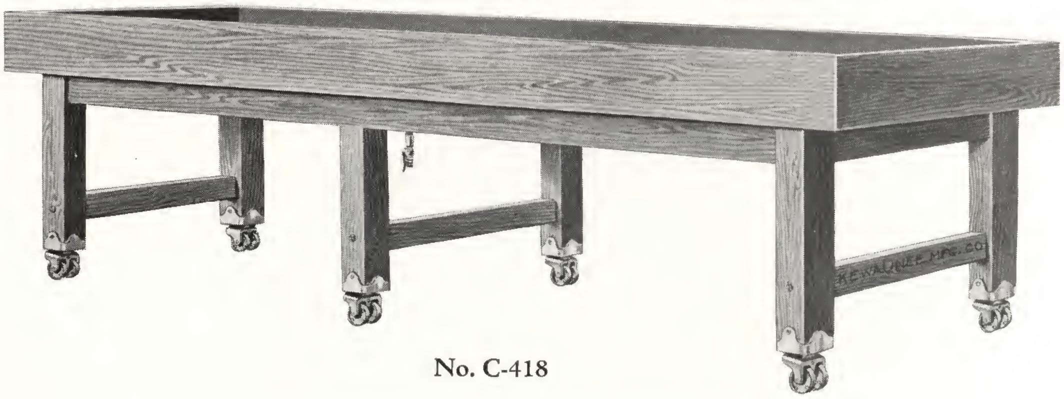
	Length	Width	Height	Depth
Overall	36 in.	30 in.	54 in.	
Aquarium	32 in.	18 in.		18 in.
Table	36 in.	30 in.	36 in.	

Fixtures—Overflow pipe, supply pipe and valve.

Weight crated, 440 lbs.

No. C-415—Aquarium as illustrated.

No. C-416—Aquarium without lower shelf.


KEWAUNEE MFG. CO.

No. C-418

No. C-418 GERMINATING BED

This Germinating Bed consists of a very strongly constructed wood box, lined with pure lead, having all joints burned, which is securely mounted on a very heavy table frame. The Germinating Bed is 4½ in. deep in the ends and slants to a depth of 5 in. at the center drain. The table is equipped with heavy socket type, double wheel, roller bearing casters, guaranteed to carry 2,000 lbs., and the bed is readily movable, so that the most advantageous use can be made of the sunlight.

This Germinating Bed makes a great many interesting experiments in plant growing possible in the Biology and Agricultural Departments, and this branch of laboratory work will prove very fascinating and instructive to the student.

SPECIFICATIONS

	Length	Width	Height
Overall	8 ft.	24 in.	24 in.

Construction—Selected white oak, lined with pure sheet lead.

Finish—No. 1 or No. 2 Oak.

Weight crated, 320 lbs.

No. C-418—Germinating Bed.

No. C-420 PLANT PRESERVING CHEST

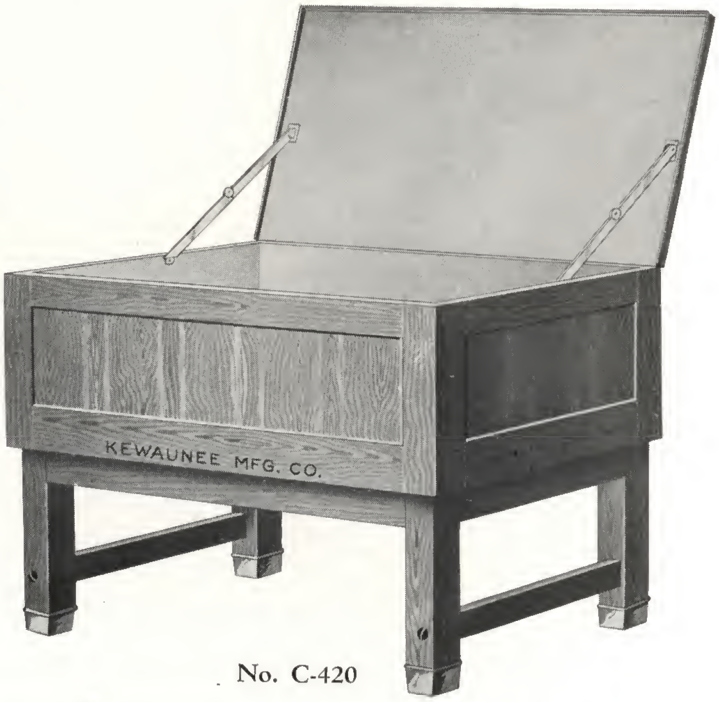
A storage place for the preservation of living plants, made of solid selected oak with inside of box and cover zinc lined. A perforated galvanized iron shelf of the same dimensions as the inside of the chest is set on supports 3 inches high. Bottom pitches to center drain, which consists of a close mesh brass screen set flush with the bottom.

SPECIFICATIONS

	Length	Width	Height
Overall	42 in.	24 in.	36 in.

Weight crated, 230 lbs.

No. C-420—Plant Preserving Chest.


KEWAUNEE MFG. CO.

No. C-420

CHEMISTRY AND COMBINATION SCIENCE TABLES, DESKS AND FUME HOODS

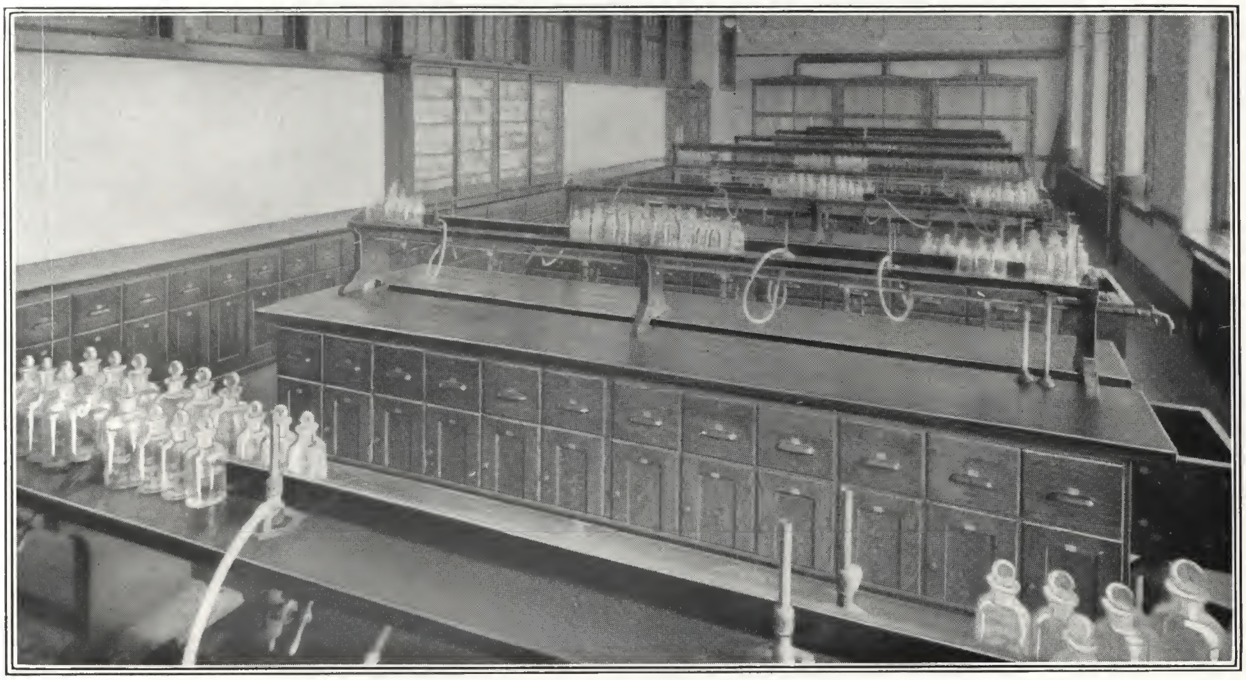
This section includes a very comprehensive showing of designs of furniture for the Combination Science Laboratory, where chemistry and one or more other sciences are taught with the same furniture equipment. It further provides a complete line of High School, Junior College and College and University Chemistry Desks, Tables, and Fume Hoods.

The combination science desks shown have all been designed to offer the utmost convenience to each of the various science classes using the furniture at different periods. Furniture equipment of this kind is very economical and, particularly in the case of the Lincoln Science Desks, this economy goes hand in hand with greater efficiency in the teaching of each of the sciences than was had before when each science had its own exclusive laboratory. The Lincoln Science Desk embodies the greatest pedagogic advancement ever made in the Laboratory Furniture Equipment field and the popularity of this type of equipment is attested by the many imitations now being offered to the High School and Junior College Field.

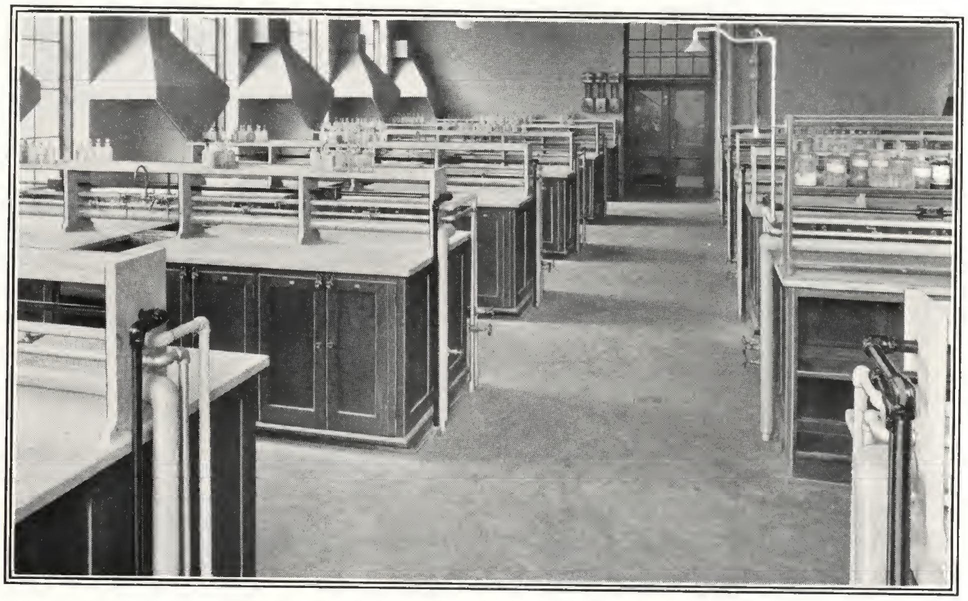
The High school Chemistry Desks offered, afford a wide range of drawer and cupboard spaces designed to accommodate from one to eight sections of students in the laboratory.

The College and University Chemistry Tables and Desks are each designed to meet the requirements of some particular division of College Chemistry, and the working space allowed each student, the size of drawer and cupboard space afforded each student, and the plumbing and other services furnished at each students' working space were all determined by an exhaustive survey of the essential requirements of each of these departments.

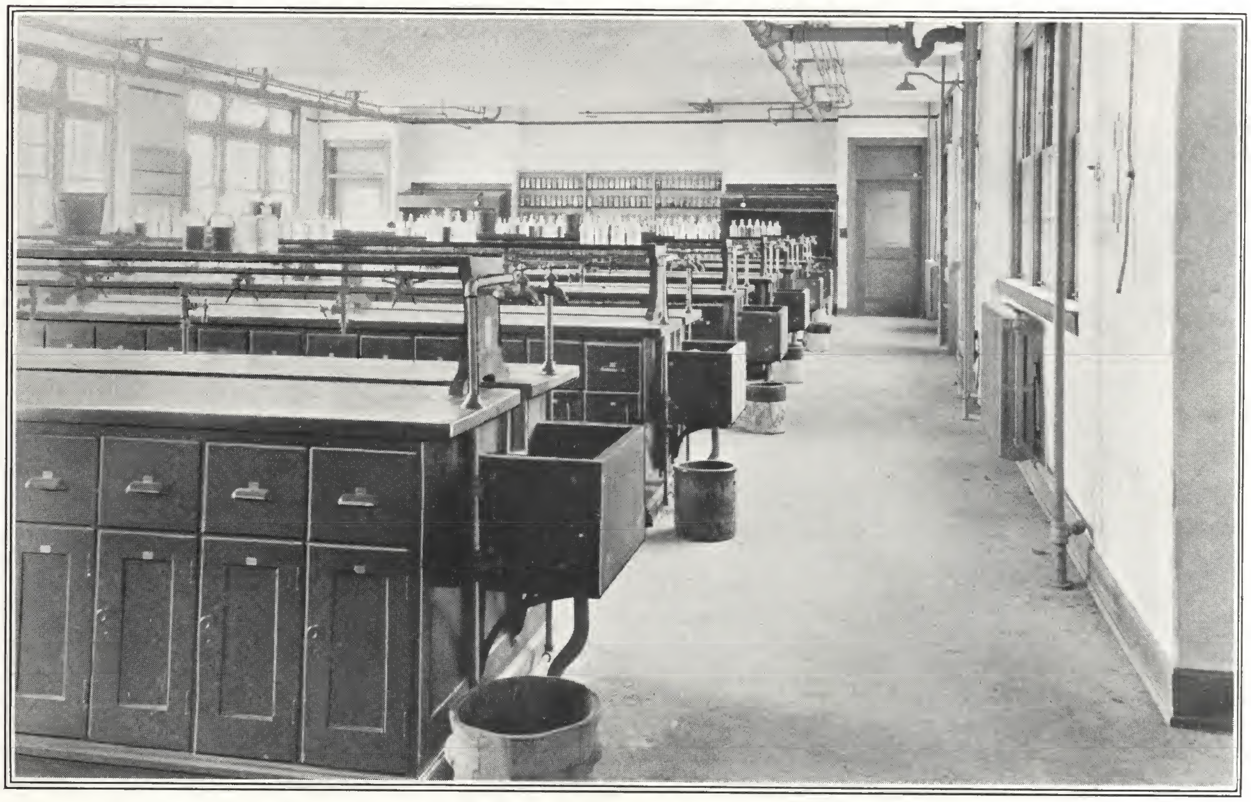
We believe that the fume hoods shown in this section of the book represent the most complete line of chemical fume hoods ever offered and feel that practically every fume hood requirement can be met with the standard designs included.



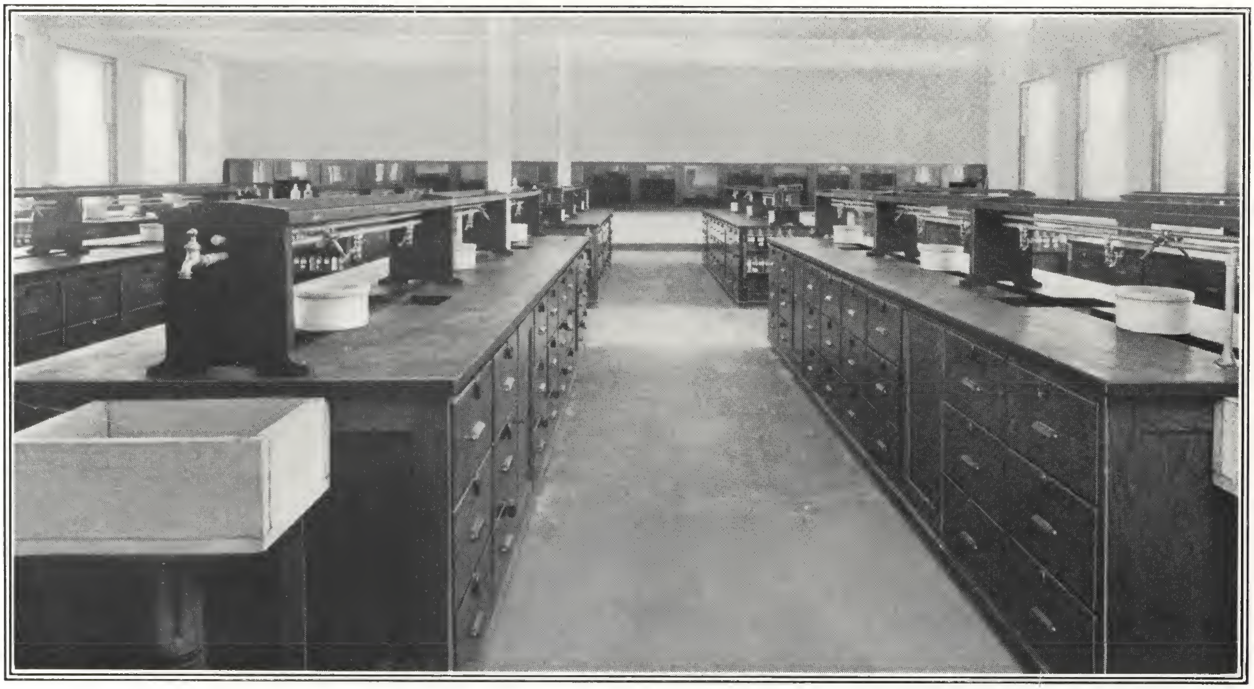
GENERAL CHEMISTRY LABORATORY
ST. JOSEPH'S COLLEGE, PHILADELPHIA, PA.



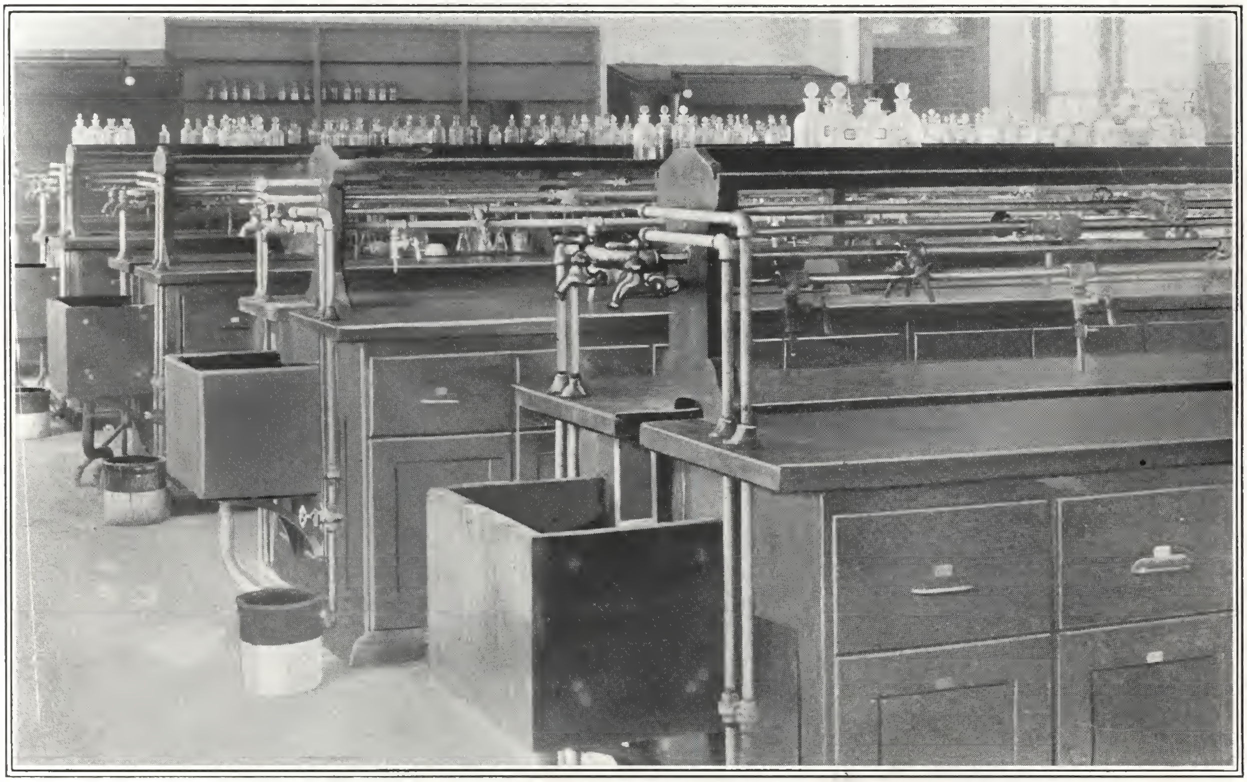
GENERAL CHEMISTRY LABORATORY
WESLEYAN UNIVERSITY, MIDDLETOWN, CONN.



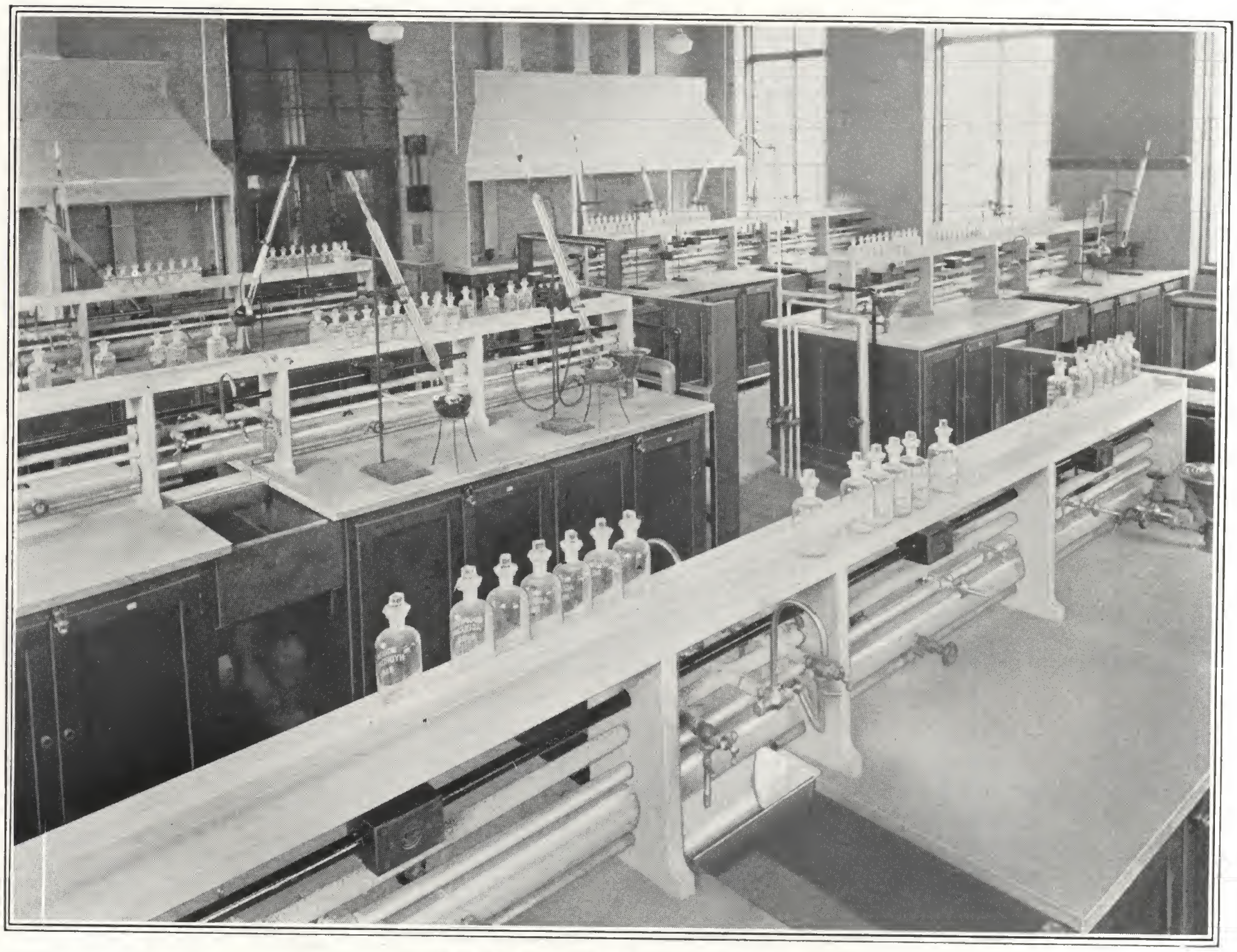
GENERAL CHEMISTRY LABORATORY
UNIVERSITY OF FLORIDA, GAINESVILLE, FLA.



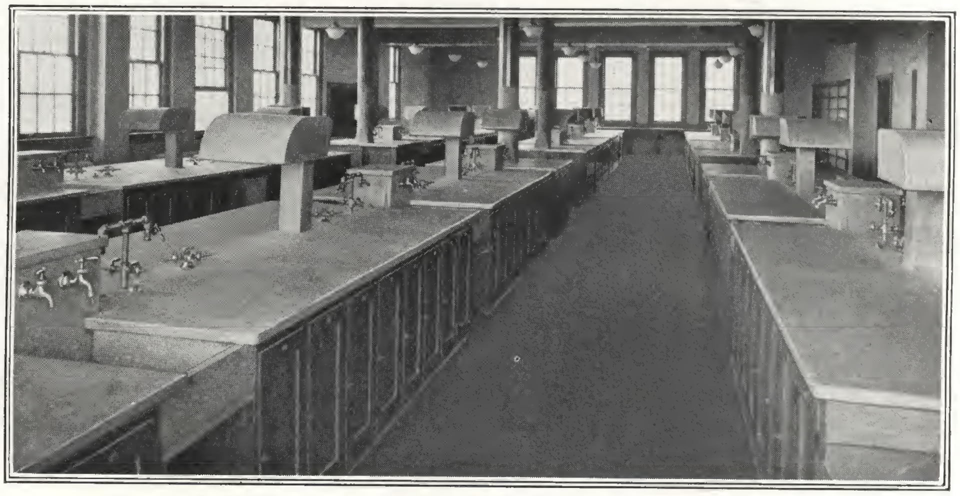
ORGANIC CHEMISTRY LABORATORY
FT. COLLINS AGRICULTURAL COLLEGE, FT. COLLINS, COLO.



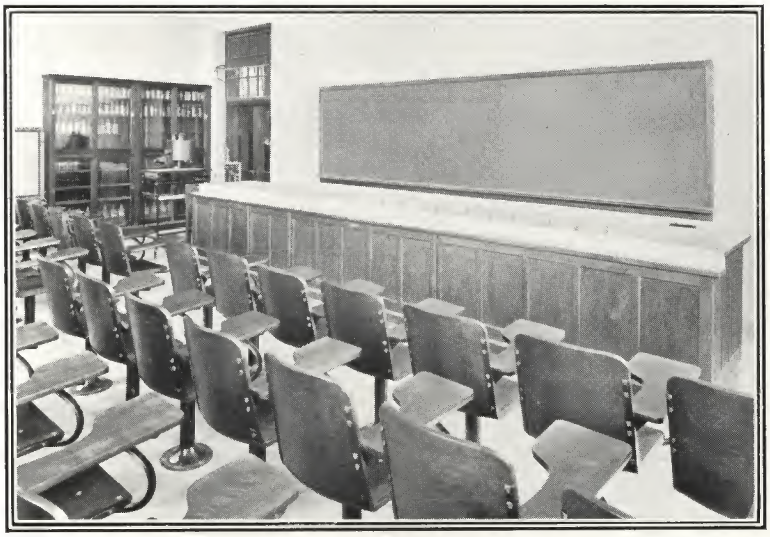
QUALITATIVE ANALYSIS LABORATORY
UNIVERSITY OF FLORIDA, GAINESVILLE, FLA.



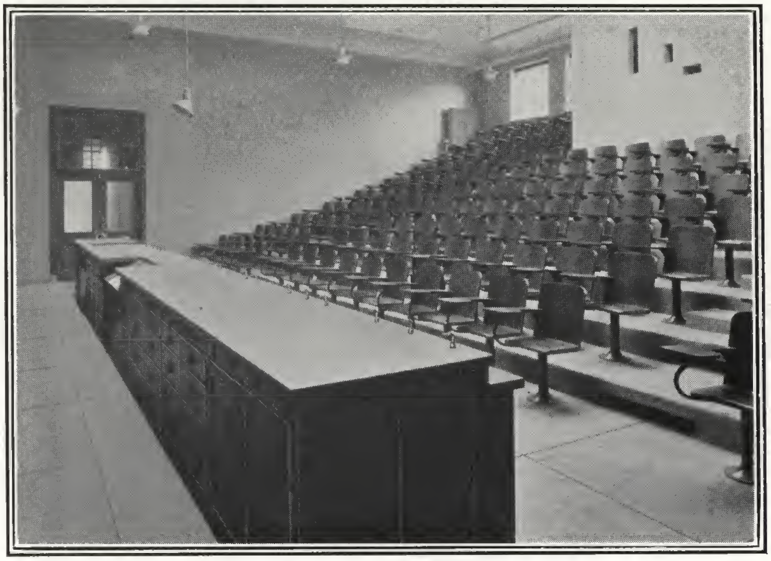
QUALITATIVE ANALYSIS LABORATORY
WESLEYAN UNIVERSITY, MIDDLETOWN, CONN.



NEW JERSEY COLLEGE FOR WOMEN, NEW BRUNSWICK, N. J.

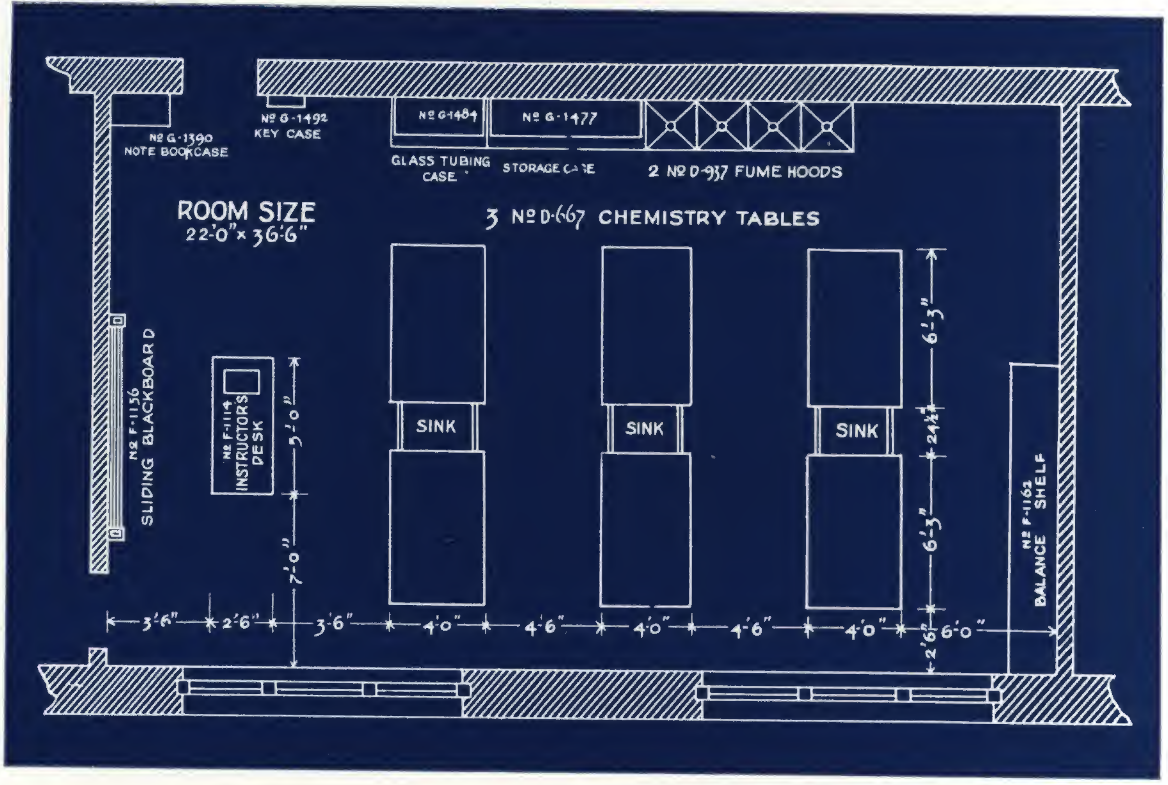


LECTURE ROOM
WESLEYAN COLLEGE
MIDDLETOWN, CONN.



LECTURE ROOM
WESLEYAN COLLEGE
MIDDLETOWN, CONN.

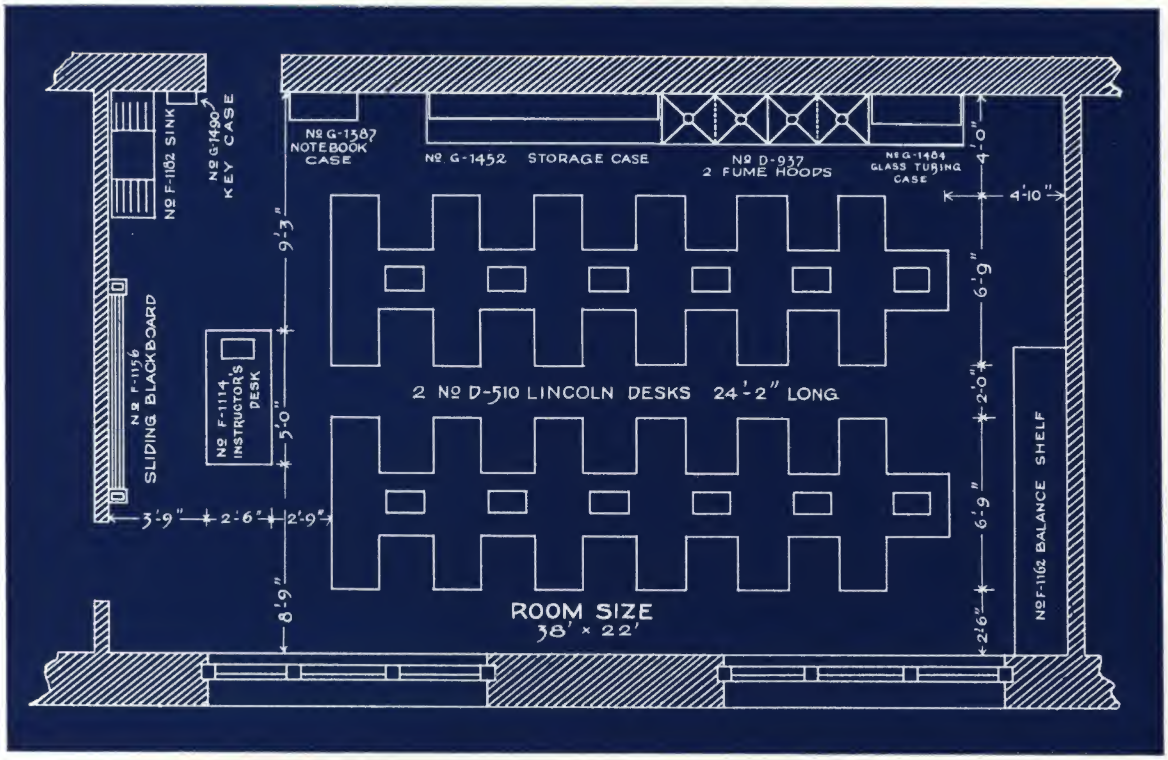
SCIENCE LIBRARY IN
CONNECTION WITH
A MODERN SCIENCE
BUILDING
WESLEYAN COLLEGE
MIDDLETOWN, CONN.



CHEMISTRY LABORATORY PLAN B

The very economical layout shown above, provides for the grouping of four-student tables around a center sink, and the laboratory so equipped accommodates sections of 24 students. Any of the 6 ft. tables not provided with center type sinks can be substituted for the No. D-667 Tables shown and thus almost any required number of sections can be accommodated with this plan of layout. The complete list of equipment included is as follows:

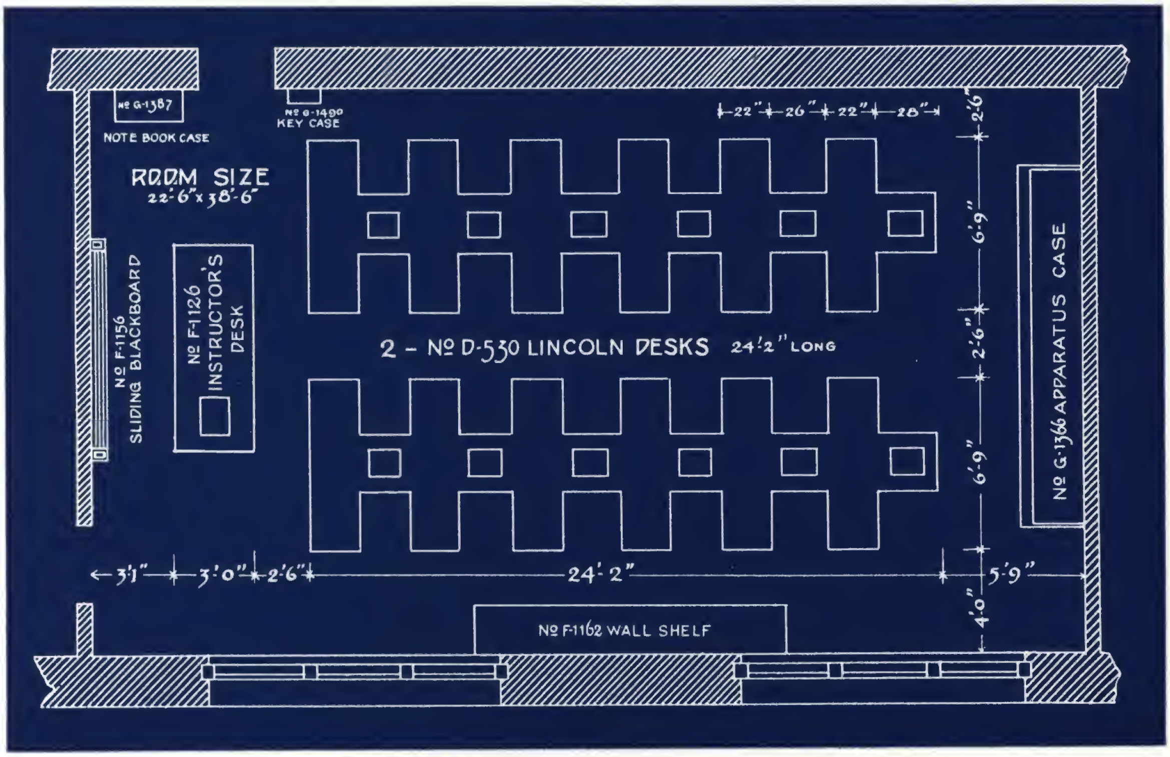
3 No. D-667 Chemistry Tables.
1 No. F-1114 Instructors' Desk.
2 No. D-937 Fume Hoods.
1 No. F-1162 Balance Shelf.
1 No. G-1477 Storage Case.
1 No. G-1390 Notebook Case.
1 No. G-1492 Key Case.
1 No. F-1156 Sliding Blackboard.
1 No. G-1484 Glass Tubing Case.



CHEMISTRY LABORATORY PLAN C

This floor plan calls for the use of two 24 ft. Lincoln Tables and the laboratory accommodates sections of 24. With this type of layout no lecture room is used. The equipment included is as follows:

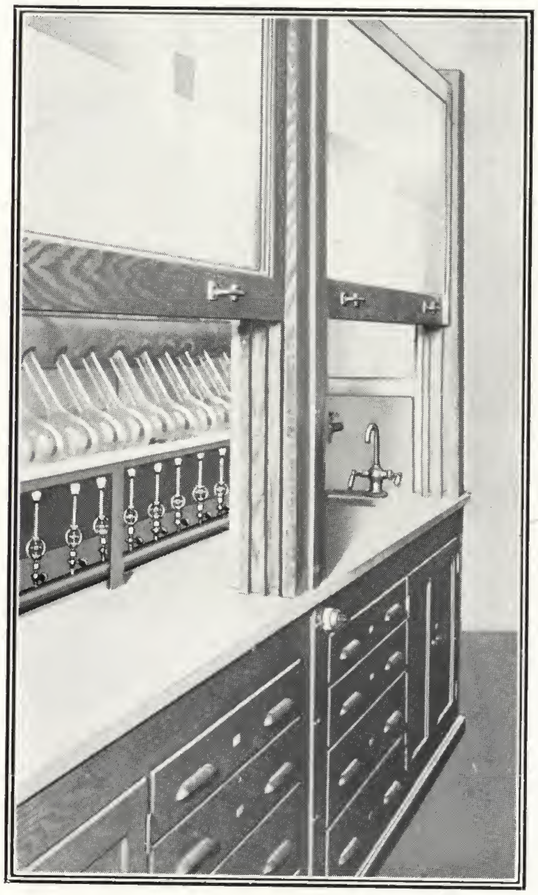
2 No. D-510 Lincoln Desks, 24 ft. 2 in. long.
1 No. F-1114 Instructors' Desk.
2 No. D-937 Fume Hoods.
1 No. F-1162 Balance Shelf.
1 No. G-1452 Storage Case.
1 No. F-1182 Wall Sink.
1 No. G-1387 Note Book Case.
1 No. G-1490 Key Case.
1 No. G-1484 Glass Tubing Case.
1 No. F-1156 Sliding Blackboard.



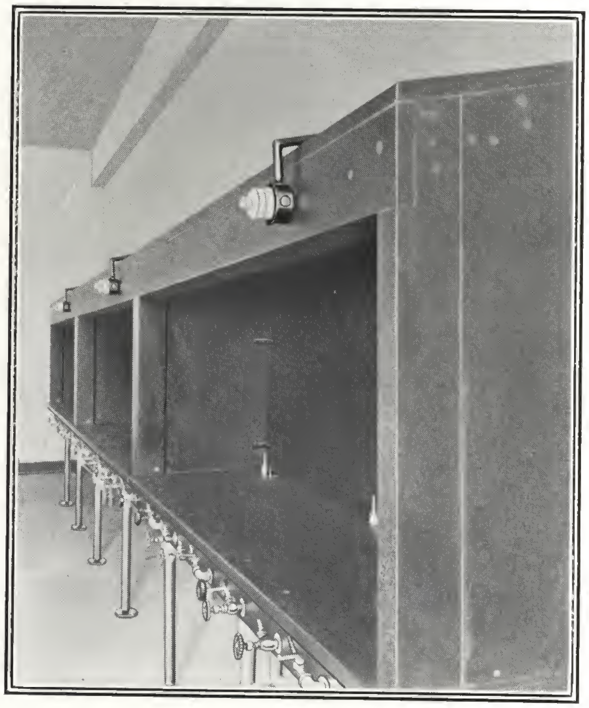
PHYSICS LABORATORY PLAN B

This 24 student Lincoln Table layout provides ideal Physics Laboratory accommodations and also eliminates necessity for a Lecture Room. The equipment included is as follows:

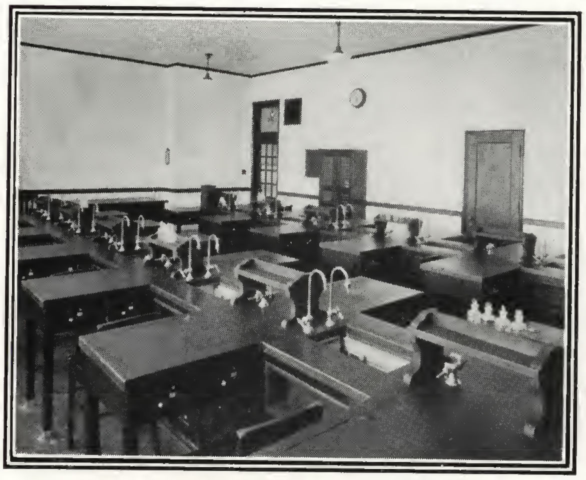
2 No. D-530 Lincoln Desks 24 ft. 2 in. long.
1 No. F-1126 Instructors' Desk.
1 No. F-1162 Wall Shelf.
1 No. G-1366 Apparatus Case.
1 No. G-1387 Notebook Case
1 No. G-1490 Key Case.
1 No. F-1156 Sliding Blackboard.



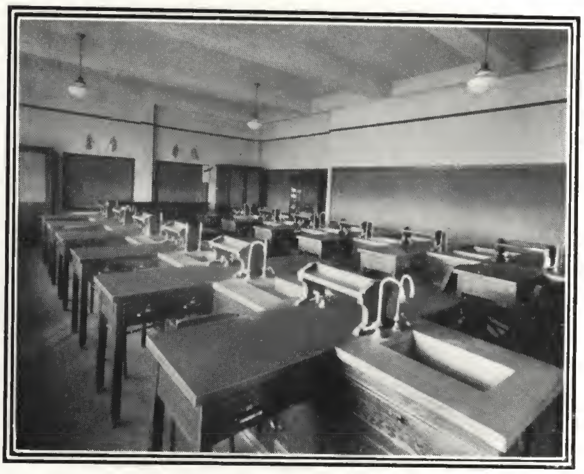
KJELDAHL HOOD INSTALLATION



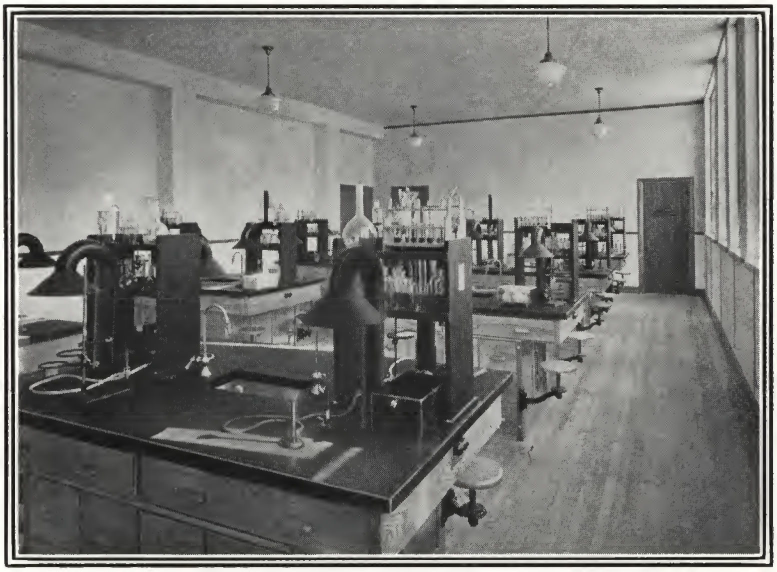
STONE WALL HOODS, UNIVERSITY OF FLORIDA



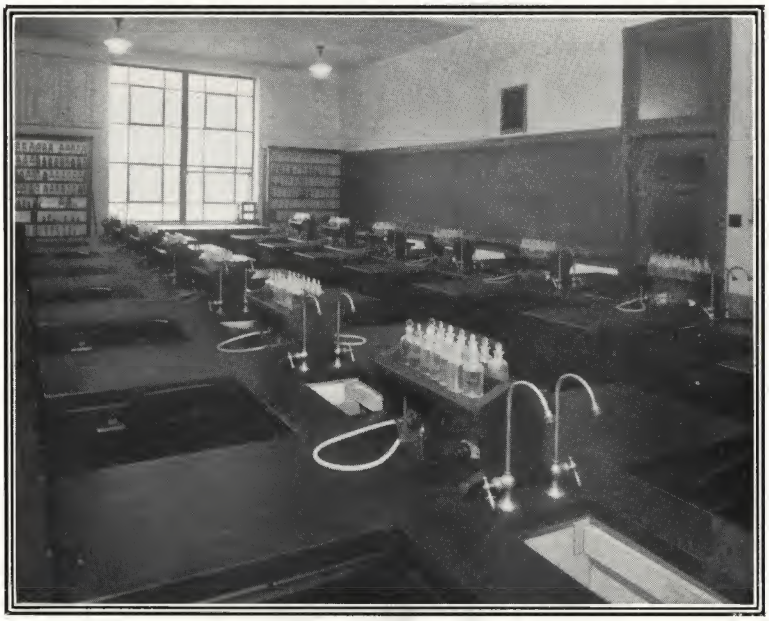
LINCOLN TABLE INSTALLATION
THORNTON TOWNSHIP HIGH SCHOOL
CALUMET CITY, ILL.



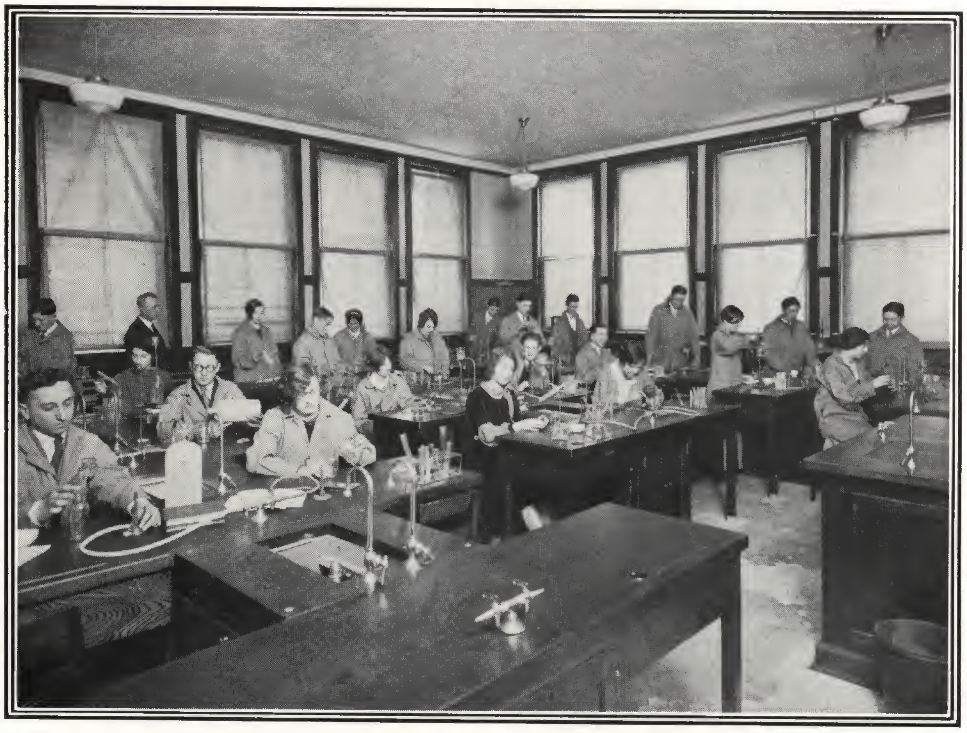
LINCOLN TABLE INSTALLATION
PENSAUKEN JUNIOR HIGH SCHOOL
MERCHANTVILLE, N. J.



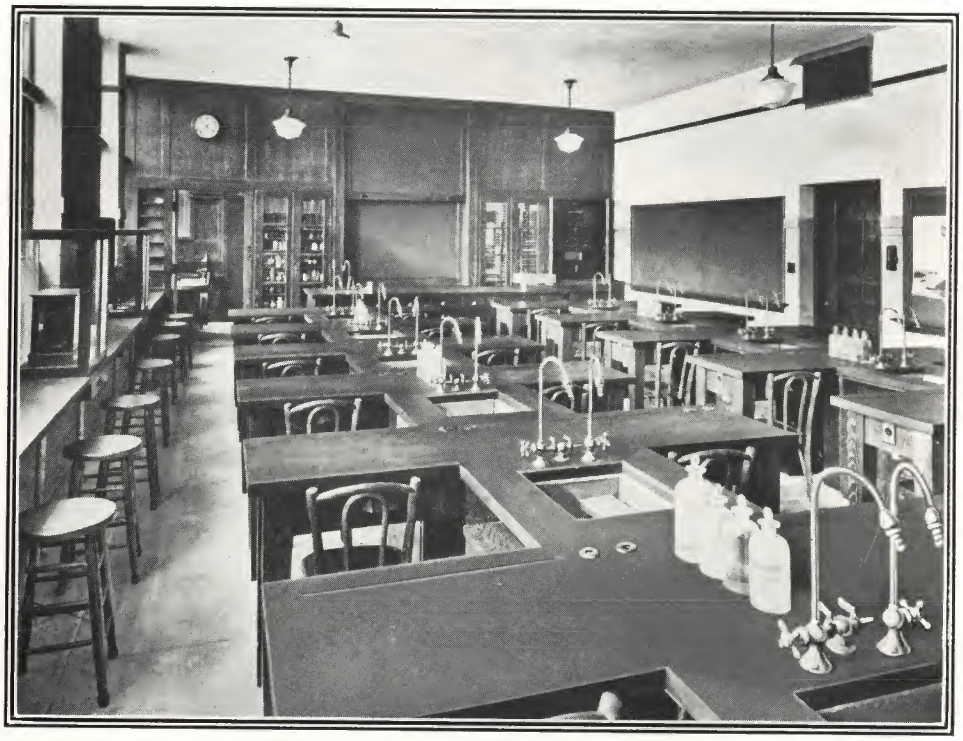
CHEMISTRY LABORATORY
NEW HIGH SCHOOL, MIAMI, FLA.



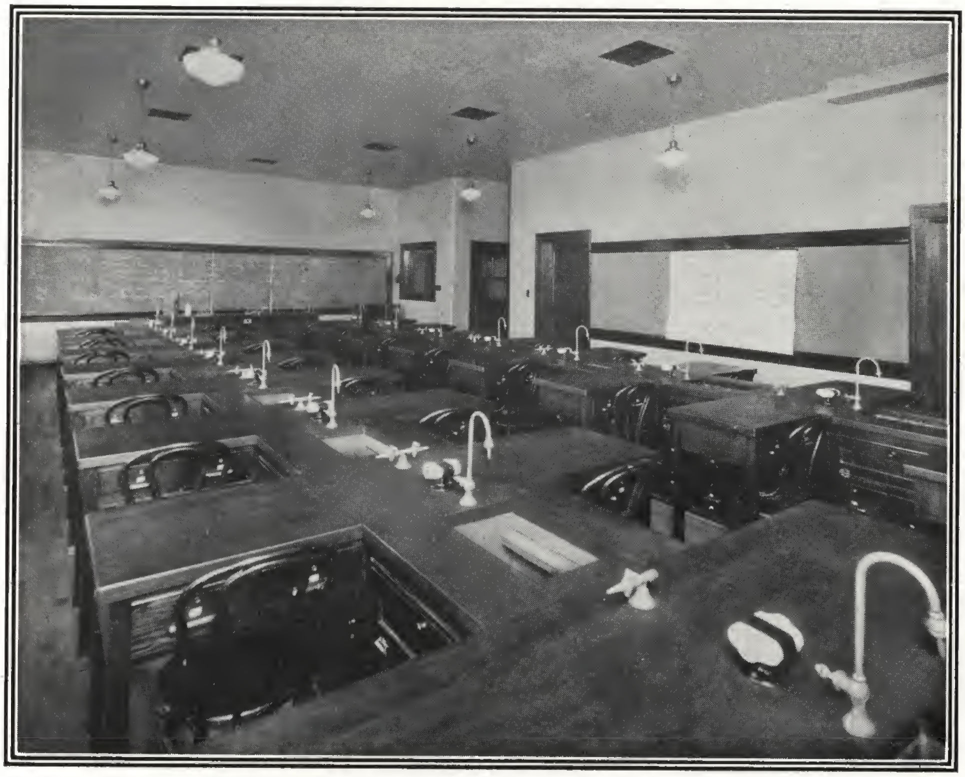
LINCOLN TABLE INSTALLATION
ST. RITAS HIGH SCHOOL, CHICAGO, ILL.



LINCOLN TABLE INSTALLATION
HOPE STREET HIGH SCHOOL, PROVIDENCE, R. I.



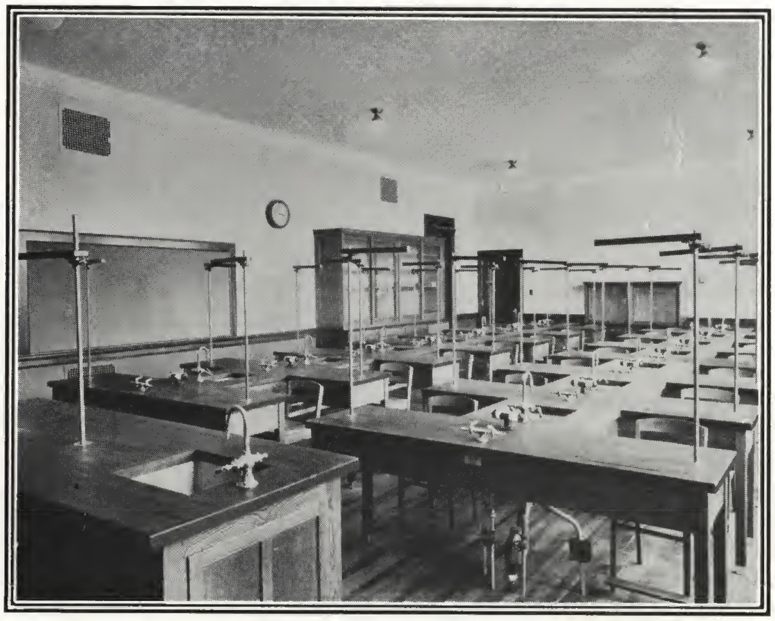
LINCOLN TABLE INSTALLATION
NEW HIGH SCHOOL, NEW ALBANY, IND.



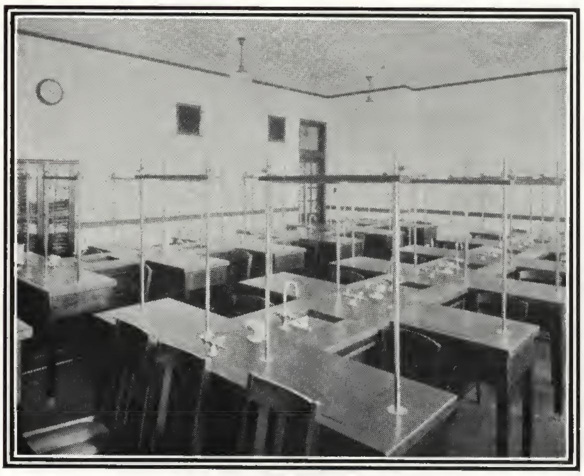
LINCOLN TABLE INSTALLATION
HIGH SCHOOL, KANSAS CITY, KANSAS

LINCOLN TABLE INSTALLATION
CLAYMONT HIGH SCHOOL, CLAYMONT, DEL.

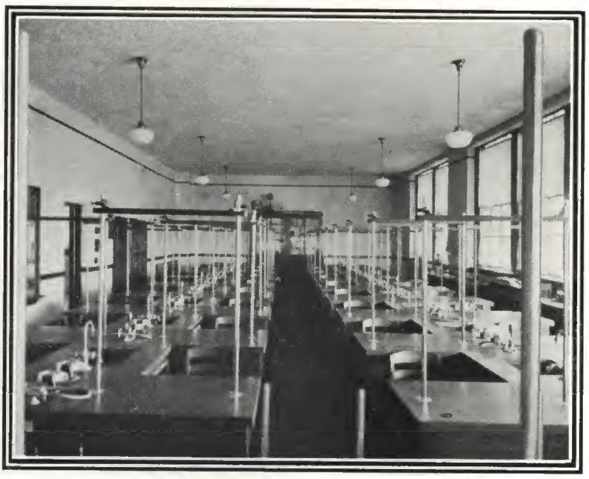
LINCOLN TABLE INSTALLATION
HIGH SCHOOL, EAU CLAIRE, WIS.



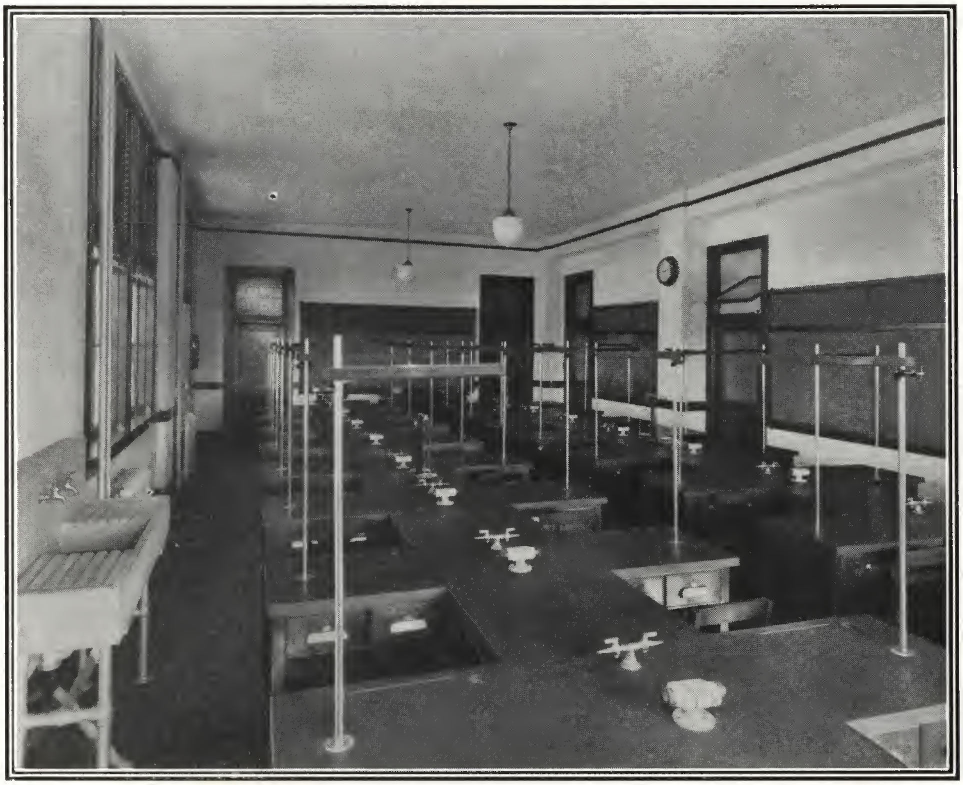
LINCOLN TABLE INSTALLATION
HIGH SCHOOL, HIGH POINT, N. C.



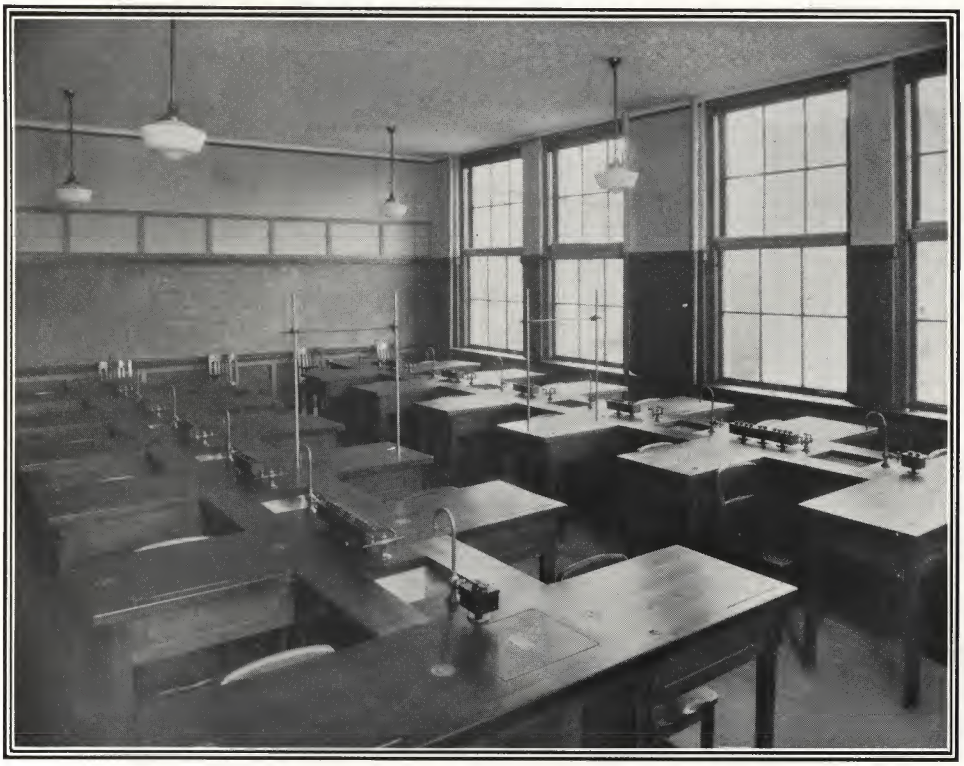
LINCOLN TABLE INSTALLATION
THORNTON FRACTIONAL TOWNSHIP HIGH SCHOOL
CALUMET CITY, ILL.



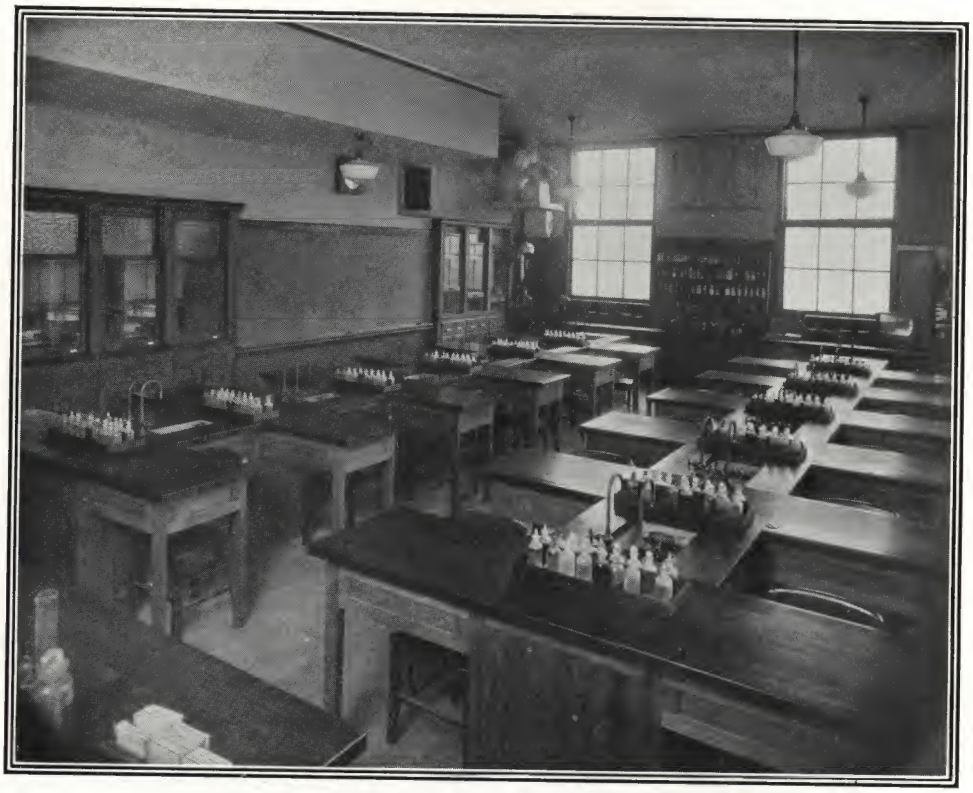
LINCOLN TABLE INSTALLATION
HIGH SCHOOL, EAU CLAIRE, WIS.



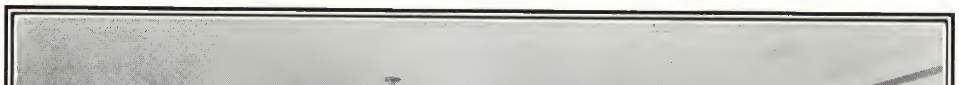
LINCOLN TABLE INSTALLATION
BOLTON HIGH SCHOOL, ALEXANDRIA, LA.



LINCOLN TABLE INSTALLATION
LINCOLN SCHOOL OF TEACHERS COLLEGE, COLUMBIA UNIVERSITY, NEW YORK CITY



LINCOLN TABLE INSTALLATION
LINCOLN SCHOOL OF TEACHERS COLLEGE, COLUMBIA UNIVERSITY, NEW YORK CITY



LINCOLN TABLE INSTALLATION
BOLTON HIGH SCHOOL, ALEXANDRIA, LA.

LINCOLN STUDENTS' SCIENCE DESKS

The IDEA of constructing science tables so as to separate the students and so that the experimental work would more nearly represent the student's individual efforts, and furthermore, so as to fix, in a measure, individual responsibility for the apparatus used, has been a problem ever since laboratory work was introduced in the secondary school curriculum. A table we began manufacturing about fifteen years ago, according to the designs of Dr. Otis W. Caldwell, then at the University of Chicago, provided these facilities for Biology laboratory work.

The DESIGN of the Lincoln desk solves this problem also for Physics and Chemistry and adds several valuable features. It is the result of years of work and close observation by Mr. Earl R. Glenn of the Lincoln School of Teachers' College in New York City, of which Dr. Caldwell is now director.

While economical, the chief merits of the design are in its educational features, which, briefly stated, are as follows:

A—All the science work can be done by the student in one room and in one place.

B—Students face the instructor all the time.

C—Provides adequately for comfortable work in a standing or sitting position, thus making it possible for the student to write notes, make drawings, do reference reading, perform laboratory experiments or observe demonstrations by instructor.

D—Permits instructor to give demonstrations, quizzes, direct reference work and hold class discussions in the same room at any time during the science period, thus **eliminating fixed laboratory and demonstration schedules.**

E—Apparatus is stored where used.

F—Individual storage space for students.

G—Instructor can see any student in the entire class from any location in the room, which allows better laboratory control.

H—The instructor's labor is reduced by concentrating all tools, materials, and equipment in a much smaller floor space than is usual in the design requiring separate lecture room and laboratory.

The LINCOLN DESK was developed to the practical degree of perfection as catalogued, through the co-operation of our Engineering Department while equipping the new building of the Lincoln School.

This design fills the need of the high school and the consolidated school where the size of the classes and size of the building permit only one room to be devoted to the use of all the sciences. For such schools the above design is the ideal combination desk, enabling students of different classes or sections, at different periods of the day, to perform experiments in chemistry, physics, biology, general science, or agriculture equally well, on the same furniture.

DATA collected in December, 1919, by Dr. P. C. Packer, and which we quote from "Housing of High School Programs," page 18, Bureau of Publications, Teachers' College, Columbia University, 1924, aided in determining the necessity for Lincoln type of equipment, which subsequently originated at Columbia. Dr. Packer made a study of actual capacity and available attendance for various types of work in eight cosmopolitan high schools. The table which follows gives the result of this investigation.

Type	Capacity	Attendance	Use in Percentage of Capacity
Chemistry	4,350	1,787	41%
Physics	3,010	863	29%
Biological Science	4,060	2,268	56%
Manual Training	4,826	2,324	48%
Art	2,584	1,395	54%

A study of the above table will disclose the fact that this investigation indicated an average disuse of the Chemistry laboratory of 59%, in the Physics laboratory of 71%, in the Biological laboratories of 44%, and shows clearly the necessity **for a much wider use of these laboratories,** which would allow of their being used all of the school periods of the day for some purpose. This meant equipment having a much wider range. The installation of hundreds of Lincoln Desks during the past three years has definitely solved this problem in the Chemistry, Physics, and other science laboratories, just as the Kewaunee Manifold Desk has solved the problem in the Manual Training and Art Departments.

The Lincoln Desk and its modifications illustrated and listed on the following pages also solves the problem of providing INDIVIDUAL SCIENCE tables for the large modern high school at a minimum expense. Students face one way, are separated and are provided with greater working and storage facilities (required according to modern laboratory practice), than the old type of equipment.

Where the science work of the entire school does not cover all the periods of the school day, the Lincoln Desk is adapted for, and can be used as a regular class room desk. This allows of and insures the laboratory being used at all hours of the day.

Schools provided with this desk will not need a separate science lecture room. With students always facing the front of the room and the instructor's table, all the demonstrations can be done in the respective laboratories. Furthermore, no definite periods need be set for demonstration or for laboratory work. The desk permits the instructor to give a lecture, demonstrate, or discuss any difficult phase of an experiment at any time during the laboratory period. With equal ease, a demonstration by the instructor can be stopped at any time and the students permitted to follow with individual laboratory experiments. This feature and the one above, helps avoid vacant laboratories so equipped that they cannot be used for more than one purpose.

Providing properly located plumbing and electrical floor outlets, especially waste outlets without conflicting with building conditions, has always been more or less of a problem with the usual type of laboratory table. The architect will therefore welcome the adoption of this new desk as it reduces the number of outlets for a standard class of twenty-four students, to just two sets, and places those near one end of the room instead of distributing numerous sets of pipes over the center of the room.

This effects a very large saving in the plumbing bills in the building, as just one line of plumbing is carried into the room, and two sets of outlets stubbed through the floor from this line. Ordinarily, an installation of old type equipment of equal capacity, takes six to twelve times as much plumbing in the floor of the laboratory. All of the plumbing in the Lincoln Table is accessible without tools, should any repairs ever be required, while plumbing in the floor is much more liable to damage and cannot be reached, for even the slightest repairs, without tearing up floors. Roughing-in in a school building for Lincoln type Desks, costs just a fraction as much as roughing-in for old type equipment.

THE EDUCATIONAL REASON FOR THE DEVELOPMENT OF THE LINCOLN TYPE OF SCIENCE DESK

1. **The general situation preceding the development of this desk.**

High schools undertook science teaching by use of equipment and methods similar to those developed in colleges and universities. They built separate lecture rooms and laboratories, the latter usually constructed and sometimes equipped like the research laboratories of universities. Recitation work, class discussion by students or by teachers was in a so-called "Lecture room," and the experience with materials, demonstrations, individual experiments, were in separate laboratories. Furthermore, the laboratory work was done on certain days and sometimes directed by an assistant, not the regular teacher, while on other days, in the lecture room, the class work and discussions were by the regular teacher.

This caused a separation between the thought-work—the discussion of the lecture—and recitation on one hand and the experience work of the laboratory on the other.

From an educational point of view it is best that the whole subject shall be regarded as a unit; and all that is done with that subject should be tied up in one coherent line of thinking in which the student should engage.

2. **Health—the student's posture.**

The type of laboratory tables and equipment which has been common, particularly for chemistry and physics, requires that the students stand as they work at their desks, or sit on high stools, which latter they may do only occasionally. In most schools the laboratory periods are usually twice the length of the so-called "recitation" or "discussion period." Thus, the students must stand in the unhealthful position made necessary by the laboratory tables for long periods, or if they sit on the stools they are sitting on devices not conducive to best postures. It must be remembered that high school students are at the most formative, and in some respects, most serious stages of their lives with reference to bodily posture. The Lincoln type of equipment is designed to facilitate their best health insofar as posture is concerned.

3. **Health—Eyes.**

The Lincoln type of desk is so arranged as to provide better conditions for the care of the student's eyes than is true of the conventional type of desk. This is partly secured by providing proper seating arrangements for the students for a large part of their experimental work, and for all of their discussion or class work.

Furthermore, this condition is enhanced by such placement of pupils and teacher as to insure that better light shall be upon their book work, laboratory notes, etc.

Also, when writing in their note books they may easily secure their chairs and sit in proper position for writing, instead of bending in an awkward or harmful position, while attempting to write their notes, as is done with the older type of equipment.

4. **The Lincoln Desk helps to remove the arbitrary division between lecture or discussion day and laboratory or experimental day.**

The best instruction is secured when the discussion, recitation, or explanation by the teacher, is associated directly with the experiences and experiments by the students. That is, for younger people a separate day for a lecture and another for laboratory work, is undesirable. This type of desk makes it possible to remove this arbitrary division of the study.

5. **The Lincoln Desk favors having work done by one teacher rather than by teacher and assistant, but leaves possibility for assistance when it is needed.**

When all the work is done in one room, as is made possible by this type of desk, there is less tendency for a teacher to delegate his experimental work to an assistant, less danger of having students taught one part of their subject by another person, and the other part by another person. There is, however, abundant opportunity to use assistance when it is needed.

6. **This unitary equipment favors demonstration work by teacher and pupils.**

With this equipment the topics of the subject are studied in a unified way and the laboratory materials are present all of the time for demonstration work by teacher or pupils. There is not the older conventional excuse often given that "Sometime later the class will have the opportunity of preparing demonstrations of the points being discussed." Thus, unitary equipment again favors unification, purposefulness and coherence of instruction.

7. **Unitary equipment provides for group co-operation with teacher and leaves ample opportunity for individual student work.**

This type of equipment gives a larger opportunity for group work, since all that is done with the subject is in one room. Students and teachers alike think of this room with reference to its equipment and facilities for work with the particular subject. This added group opportunity is secured with no less opportunity for individual work. Rather there is an increase in opportunity for individual work due to the specific working place for each pupil, except when engaged in co-operative group work.

8. **Unitary equipment makes supervision easier.**

The teacher may pass easily along the lines of working desks, and may have the entire room under his eye in a moment. With the older arrangement of tables placed crosswise in the room the view from the front of the room was obscured and supervision was less effective.

9. **Improves classroom discipline.**
Each student has his specific working place, and has all needed freedom to speak with his neighbor, but cannot readily leave his working place without it being clear that he has done so. Such freedom as is desired is easily secured, but the fact that the equipment favors a definite location for him improves the disciplinary values.

10. **Improves neatness.**
Each student has his responsibilities definitely located and thereby more definite responsibility for the care of his materials, his books, and his notes.

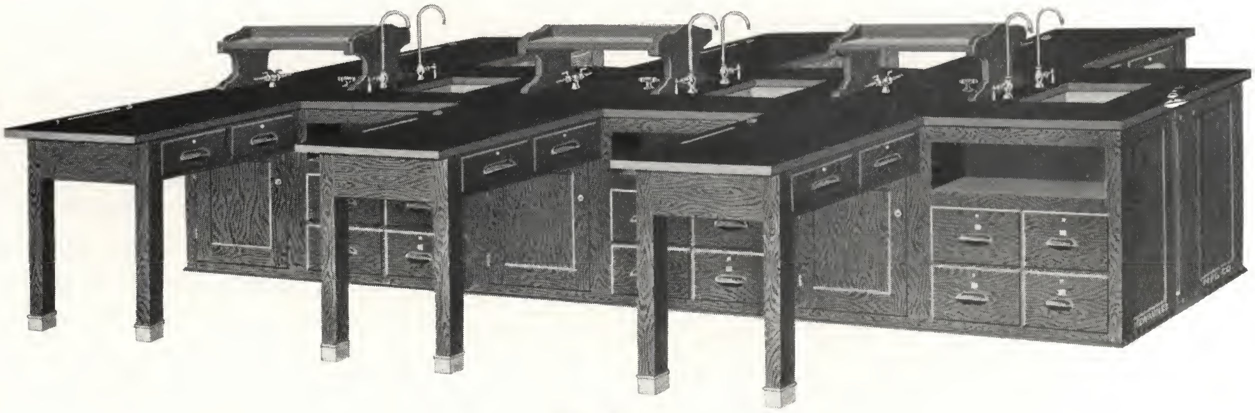
11. **Makes note-taking more effective.**
Students may sit and write notes without interference from other pupils who pass by or near them. They may thus do better writing, may concentrate better, and may do their writing in an unhampered way.

12. **Favors demonstrations which must be prepared before class.**
Students or teachers often need to prepare science apparatus before class period in order that it may be ready for use at the time of the class meeting. The individual placement of students desks, as well as the arrangement of the teacher's demonstration desk, provided by this equipment, favors the preceding preparation as well as the retention of demonstrations for several days following a class meeting when that is desired.

13. **Room available for other classes.**
With this type of desk and seating a science room may be used for history class, an English class, or almost any other high school class, when the room has a free period. This is a matter of very great importance in modern times when so much difficulty is had in securing adequate building space for the large number of pupils to be cared for. Rooms so equipped may be used in this way without interference with science work.

14. **Cost of equipment.**
The Lincoln Desk, due to the unification of arrangements for pupils, plumbing for water, gas, electric wiring, etc., brings all these materials close at hand and in compact arrangement. It is possible that such equipment may cost a little more than the cheaper and less effective conventional equipments sometimes installed, but the improved value in education and the increased usefulness of the rooms so equipped seem to justify the small added costs. It is rather a question whether the slight addition in cost is justified in order to secure a large increase in benefits secured. It is certainly true that any increase in cost is very slight as compared with the total expenditures found necessary in school work. Probably the increased usefulness of the room, through making it available for classes in subjects other than science, would readily offset any possible increased cost.

LINCOLN STUDENTS' SCIENCE DESK



No. D-503

No. D-503 SCIENCE DESK

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft. 2 in.	6 ft. 9 in.	33 in.	
Drawers		9¾ in.	4¼ in.	15¼ in.
Drawers		10¼ in.	7¼ in.	9¼ in.
Cupboards		16 in.	21⅜ in.	9¼ in.
Recesses		23 in.	7⅜ in.	5 in.
3 Sinks	16 in.	12 in.		7 in.

Construction—Oak body; 1⅝ in. Birch top.

Finish—No. 1 or No. 2 Oak.

Fixtures—6 nickel plated single pantry cocks with removable hose nozzle; 3 nickel plated double long spout gas cocks; 3 double polarity plugs and receptacles. Plumbing complete to floor line.

Trays—Removable re-agent trays furnished when desired.

Bottle Racks—Three single shelf racks supplied with each desk.

Locks—Masterkeyed locks on all drawers and cupboards.

Inkwell and pencil groove supplied for each working space.

Legs are provided with cast aluminum shoes.

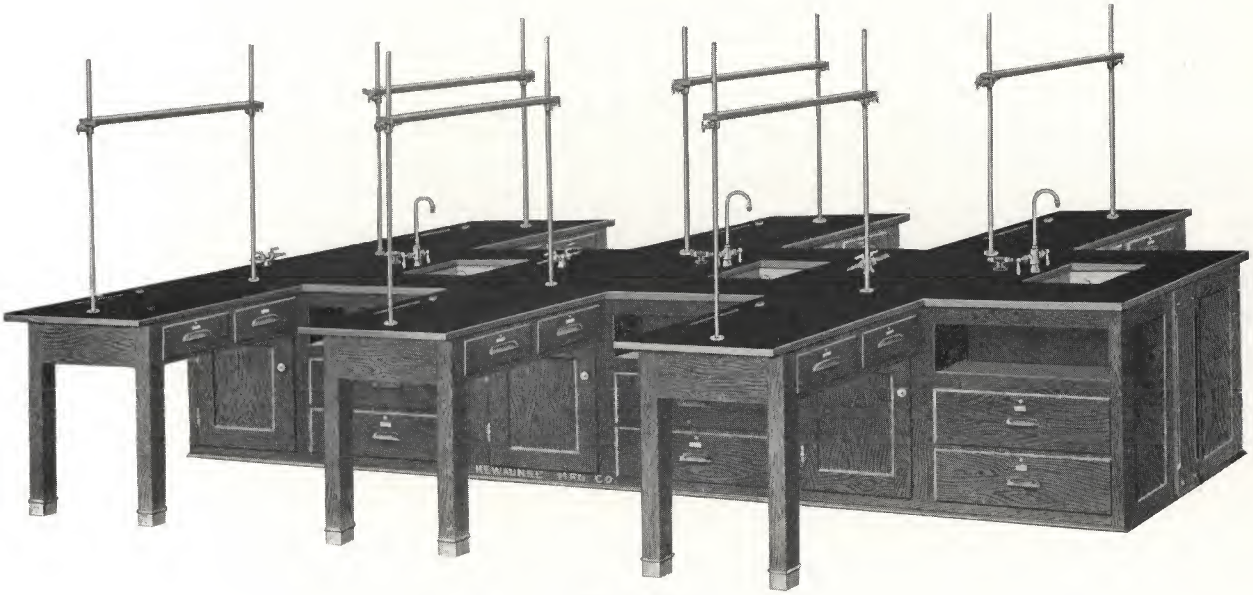
Accommodates six sections of six students each.

No.	Length	Weight
D-500	12 ft. 2 in., without locks	1850
D-501	16 ft. 2 in., without locks	2400
D-502	20 ft. 2 in., without locks	2950
D-503	12 ft. 2 in., with locks	1850
D-504	16 ft. 2 in., with locks	2400
D-505	20 ft. 2 in., with locks	2950
D-506	24 ft. 2 in., without locks	3700
D-507	28 ft. 2 in., without locks	4250
D-508	32 ft. 2 in., without locks	4800
D-509	36 ft. 2 in., without locks	5350
D-510	24 ft. 2 in., with locks	3700
D-511	28 ft. 2 in., with locks	4250
D-512	32 ft. 2 in., with locks	4800
D-513	36 ft. 2 in., with locks	5350

When ordering Lincoln Desks specify whether additional units may be added to the desk at a later date, so that the desk can be arranged to accommodate plumbing on the additional units.

Hinged doors, with or without locks, will be furnished at extra cost on all Lincoln Desks, if desired. This allows chemicals to be locked in the reagent recess.

We recommend the use of the No. F-1259 Chair shown on page 237, with the Lincoln type desk.



No. D-523

No. D-523 SCIENCE DESK

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft. 2 in.	6 ft. 9 in.	33 in.	
Drawers		9¾ in.	4¼ in.	15¼ in.
Drawers		23 in.	7¼ in.	9¼ in.
Cupboards		16 in.	21⅜ in.	9¼ in.
Recesses		23 in.	7⅜ in.	5 in.
3 Sinks	16 in.	12 in.		7 in.

Construction—Oak body; 1⅝ in. Birch top.

Finish—No. 1 or No. 2 Oak.

Fixtures—3 nickel plated double pantry cocks with removable hose nozzle; 3 nickel plated double long spout gas cocks; 3 double polarity plugs and receptacles; 6 sets upright support rods and cross bars. Plumbing complete to floor line.

Locks—Masterkeyed locks on all drawers and cupboards.

Inkwells and pencil groove supplied for each working space.

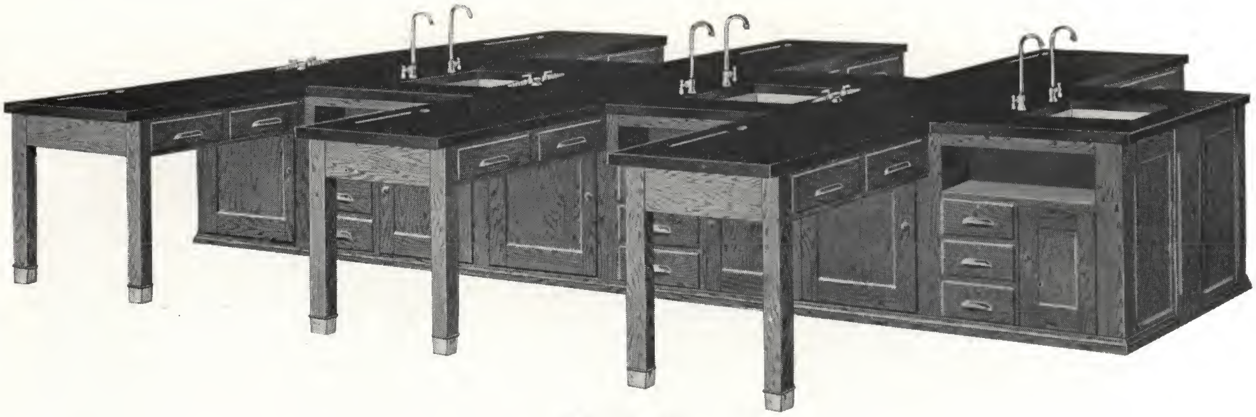
Legs are provided with cast aluminum shoes.

No.	Length	Weight
D-520	12 ft. 2 in., without locks	1725
D-521	16 ft. 2 in., without locks	1875
D-522	20 ft. 2 in., without locks	2425
D-523	12 ft. 2 in., with locks	1725
D-524	16 ft. 2 in., with locks	1875
D-525	20 ft. 2 in., with locks	2425
D-526	24 ft. 2 in., without locks	3450
D-527	28 ft. 2 in., without locks	4000
D-528	32 ft. 2 in., without locks	4550
D-529	36 ft. 2 in., without locks	5100
D-530	24 ft. 2 in., with locks	3450
D-531	28 ft. 2 in., with locks	4000
D-532	32 ft. 2 in., with locks	4550
D-533	36 ft. 2 in., with locks	5100

When ordering Lincoln Desks specify whether additional units may be added to the desk at a later date, so that the desk can be arranged to accommodate plumbing on the additional units.

Hinged doors, with or without locks, will be furnished at extra cost, for recesses if desired.

We recommend the use of the No. F-1259 Chair shown on page 237, with the Lincoln type desk.



No. D-540

No. D-540 SCIENCE DESK

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft. 2 in.	6 ft. 9 in.	33 in.	
Drawers		9¾ in.	4¼ in.	15¼ in.
Drawers		10¼ in.	4⅜ in.	9¼ in.
Cupboards		16 in.	21⅜ in.	9¼ in.
Cupboards		10¾ in.	16¾ in.	9¼ in.
Recesses		23 in.	7⅜ in.	5 in.
3 Sinks	16 in.	12 in.		7 in.

Construction—Oak body; 1⅝ in. Birch top.

Finish—No. 1 or No. 2 Oak.

Fixtures—6 nickel plated single pantry cocks with removable hose nozzles; 3 nickel plated double long spout gas cocks.

Locks—Masterkeyed locks on all drawers and cupboards.

Inkwell and pencil groove supplied for each working space.

Legs are provided with cast aluminum shoes.

Two drawers in rail and three drawers in sink section.

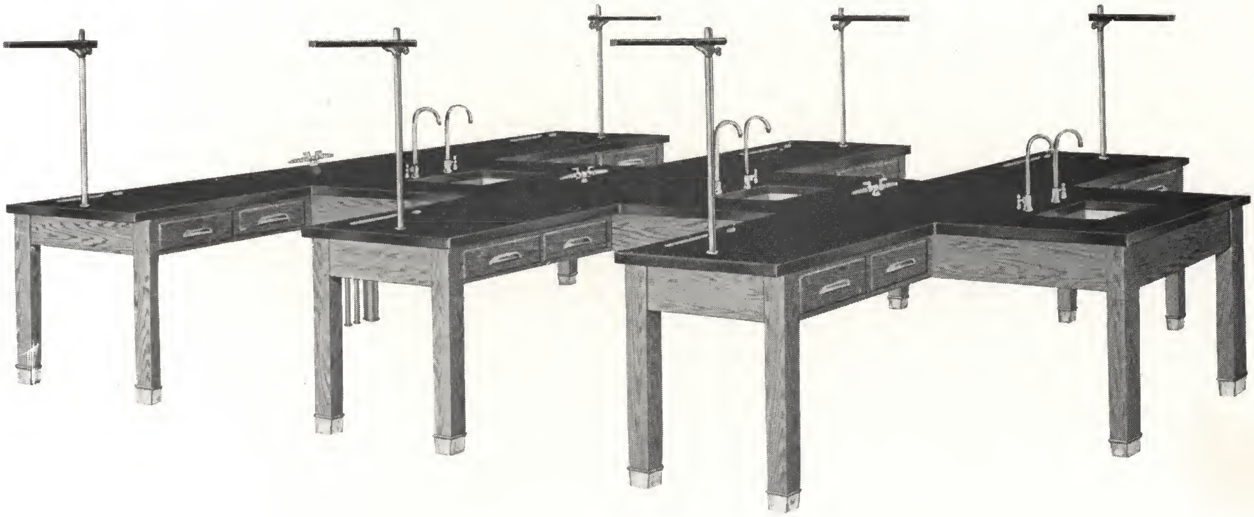
Plumbing complete to floor line.

No.	Length	Weight
D-540	12 ft. 2 in., with locks	1800
D-541	16 ft. 2 in., with locks	2400
D-542	20 ft. 2 in., with locks	3000
D-543	12 ft. 2 in., without locks	1785
D-544	16 ft. 2 in., without locks	2385
D-545	20 ft. 2 in., without locks	2985
D-546	24 ft. 2 in., with locks	3600
D-547	28 ft. 2 in., with locks	4150
D-548	32 ft. 2 in., with locks	4700
D-549	24 ft. 2 in., without locks	3575
D-550	28 ft. 2 in., without locks	4125
D-551	32 ft. 2 in., without locks	4675

When ordering Lincoln Desks specify whether additional units may be added to the desk at a later date, so that the desk can be arranged to accommodate plumbing on the additional units.

Hinged doors, with or without locks, will be furnished at extra cost on all Lincoln desks, if desired. This allows chemicals to be locked in the reagent recess.

We recommend the use of the No. F-1259 Chair shown on page 237, with the Lincoln type desk.



No. D-563

No. D-563 SCIENCE DESK

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft. 2 in.	6 ft. 9 in.	33 in.	
Drawers		9¾ in.	4¼ in.	15¼ in.
3 Sinks	16 in.	12 in.		7 in.

Construction—Oak body; 1⅝ in. Birch top.

Finish—No. 1 or No. 2 Oak.

Fixtures—6 nickel single plated pantry cocks with removable hose nozzle; 3 nickel plated double long spout gas cocks. Plumbing complete to floor line.

Uprights—Six single upright rods and six Greenlaw support arms and clamps.

Locks—Masterkeyed locks on all drawers.

Inkwell and pencil groove supplied for each working space.

Legs are provided with cast aluminum shoes.

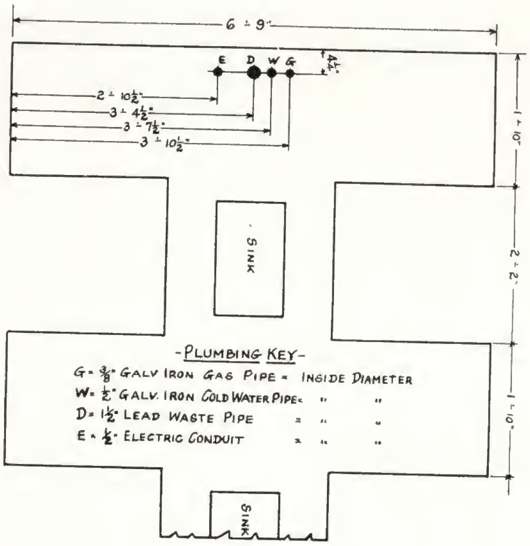
Two drawers in the rail.

No.	Length	Weight
D-563	12 ft. 2 in., without locks	1500
D-564	16 ft. 2 in., without locks	1980
D-565	20 ft. 2 in., without locks	2560
D-566	12 ft. 2 in., with locks	1500
D-567	16 ft. 2 in., with locks	1980
D-568	20 ft. 2 in., with locks	2560
D-569	24 ft. 2 in., without locks	2940
D-570	28 ft. 2 in., without locks	3400
D-571	32 ft. 2 in., without locks	3880
D-572	24 ft. 2 in., with locks	2940
D-573	28 ft. 2 in., with locks	3400
D-574	32 ft. 2 in., with locks	3880

When ordering Lincoln Desks specify whether additional units may be added to the desk at a later date, so that the desk can be arranged to accommodate plumbing on the additional units.

We recommend the use of the No. F-1259 Chair shown on page 237, with the Lincoln type desk.

LINCOLN SCIENCE DESK PLUMBING ROUGHING-IN DETAILS

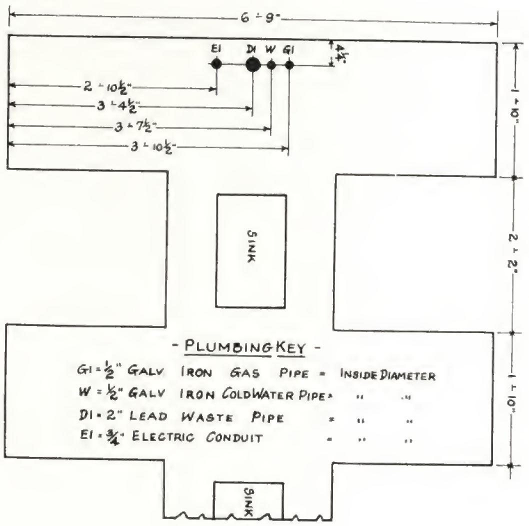

6'-9"
E
D
W
G
4½"
2'-10½"
3'-4½"
3'-7½"
3'-10½"
1'-10"
2'-2"
1'-10"
SINK
SINK
-PLUMBING KEY-
G = ⅜" GALV IRON GAS PIPE = INSIDE DIAMETER
W = ½" GALV. IRON COLD WATER PIPE = " "
D = 1½" LEAD WASTE PIPE = " "
E = ½" ELECTRIC CONDUIT = " "

PLUMBING LAYOUT FOR 12 FOOT LONG DESK

Note that all the supplies shown on this layout may not be required on all desks. Rough-in only those lines being used on desk purchased.

In laying out Lincoln desk plumbing roughing-in, only one pipe channel should be laid across the room, and pipes stubbed through the floor in two places, corresponding to the front plumbing cupboard at the head of each table, while a line should be stubbed out from the pipe channel and brought through the floor at the proper point to make connections with the instructor's desk.

We recommend, where possible, that accessible pipe channels be used in laboratory floors and ceilings, and that accessible pipe chases be used in all laboratory walls.


6'-9"
E1
D1
W
G1
4½"
2'-10½"
3'-4½"
3'-7½"
3'-10½"
1'-10"
2'-2"
1'-10"
SINK
SINK
-PLUMBING KEY-
G1 = ½" GALV IRON GAS PIPE = INSIDE DIAMETER
W = ½" GALV IRON COLD WATER PIPE = " "
D1 = 2" LEAD WASTE PIPE = " "
E1 = ¾" ELECTRIC CONDUIT = " "

PLUMBING LAYOUT FOR DESKS LONGER THAN 12 FEET IN LENGTH

Please note that it is impossible that plumbing codes be strictly adhered to in the installation of laboratory furniture, as the design of the furniture prohibits this being done. Therefore, to avoid possible necessity of back-venting traps, particularly where desks are installed in the center of the room, we recommend that all floor waste lines should not connect directly to stacks and to sewers, but should run into diluting sink on floor below or in basement.

We will gladly quote on acid diluting sinks to be used for this purpose, as well as acid traps and piping made of guaranteed chemical-proof Ceramic ware, absolutely impervious to laboratory chemicals.

STUDENT CAPACITY OF LINCOLN DESKS

Lincoln Desks are designed to be used two abreast in a laboratory of standard width, and are furnished in lengths corresponding to the maximum student accommodation required. Thus, Lincoln Desks can be furnished in eight, twelve, sixteen, twenty, twenty-four, twenty-eight, thirty-two and thirty-six foot lengths.

Lincoln Desks are built in four-foot units, of which each unit accommodates two students at one time. A twelve-foot desk, therefore, accommodates six students at one time, and two twelve-foot desks accommodate twelve students at one time. In deciding the length of Lincoln Desk required for your maximum student capacity, it is easy to remember that if twenty-four student maximum capacity is required, two twenty-four foot Lincoln Desks should be used; and if twenty-eight student maximum capacity is required, two twenty-eight foot Lincoln Desks should be used.

When the size of the room permits the use of larger desks than are required at the time of the original installation, the desk can be so arranged that the additional units can be added to the rear of the desks as needed If the original student requirements are only accommodations for twenty student classes, and there is a possibility of growth which will require expansion, the two twenty-foot Lincoln Desks can be arranged so that one or two additional units can be added to the rear of each desk, thus increasing the student capacity of the laboratory from twenty to twenty-four or twenty-eight or thirty-two as the case may be. This without any extra cost to the original desk.

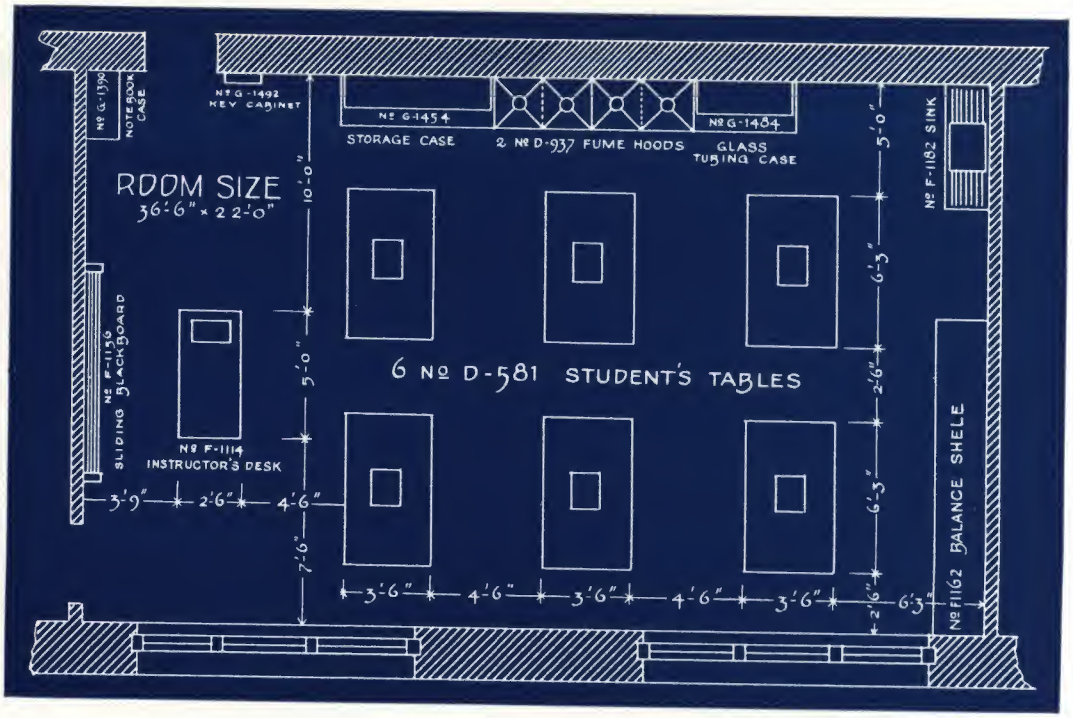
The following table shows the size of the room we recommend for various sizes of tables:

TABLE OF ROOM CAPACITIES

12-student installation 2 12-ft. desks, room size 22 ft. by 26 ft.
16-student installation 2 16-ft. desks, room size 22 ft. by 30 ft.
20-student installation 2 20-ft. desks, room size 22 ft. by 34 ft.
24-student installation 2 24-ft. desks, room size 22 ft. by 38 ft.
28-student installation 2 28-ft. desks, room size 22 ft. by 42 ft.
32-student installation 2 32-ft. desks, room size 22 ft. by 46 ft.
36-student installation 2 36-ft. desks, room size 22 ft. by 50 ft.

The above table of dimensions is based on allowing aisles at front, rear, both sides and center, as well as aisle behind the instructor's desk, and room for fume hood installation and balance shelf.

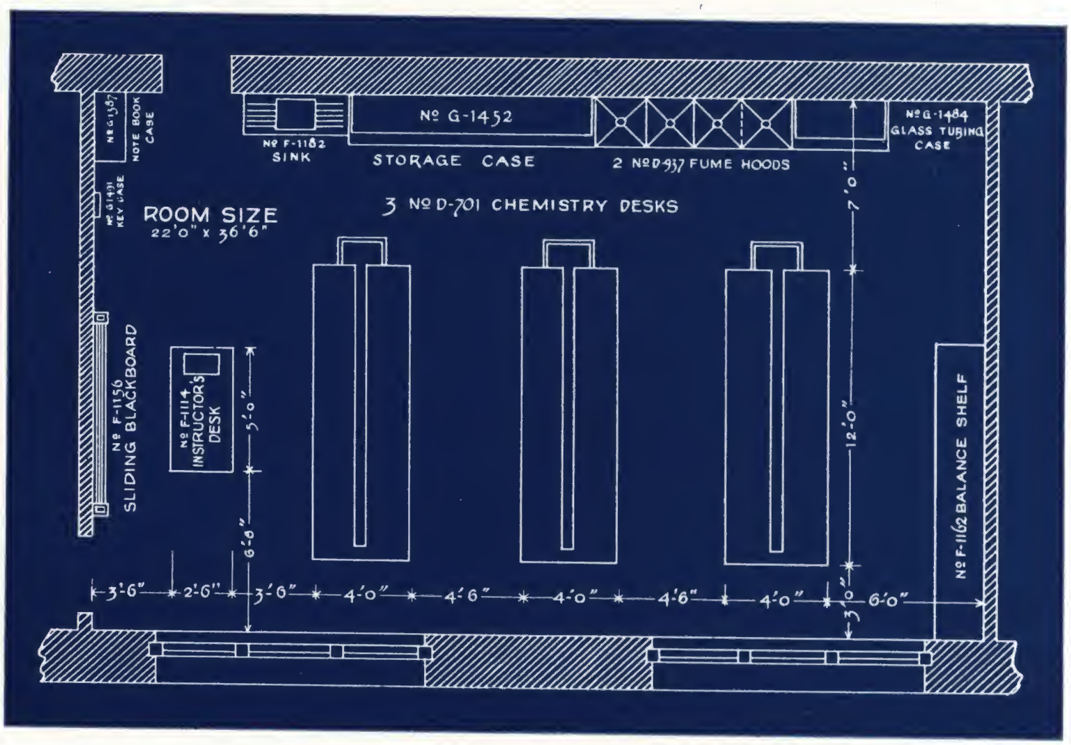
Lincoln Desks are shipped in four and eight foot units, which allows easy handling in building. Installation of the desks should be made by capable mechanics and ordinarily we recommend that we be allowed to make the installation. Our making the installation will insure a complete absence of any difficulty arising from faulty installation, and we have capable mechanics permanently located in most sections of the country.



CHEMISTRY LABORATORY PLAN A

This plan illustrates the use of four student combination science tables which accommodate two sections of 24 students each in the laboratory. The Chemistry Laboratory so equipped may be used for teaching additional sciences as well. The complete list of equipment shown is as follows:

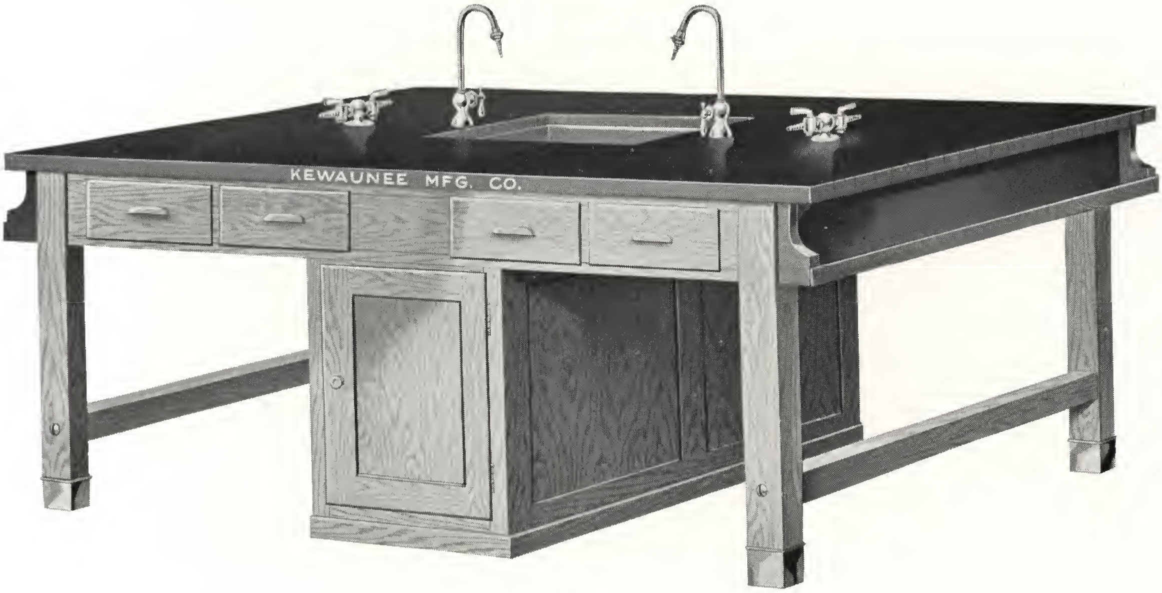
6 No. D-581 or D-602 four student combination science tables.
1 No. F-1114 Instructors' Desk.
2 No. D-937 Fume Hoods.
1 No. F-1162 Balance Shelf.
1 No. G-1454 Storage Case.
1 No. G-1484 Glass Tubing Case.
1 No. G-1390 Notebook Case.
1 No. G-1492 Key Cabinet
1 No. F-1182 Wall Sink
1 No. F-1156 Sliding Blackboard.



CHEMISTRY LABORATORY PLAN D

This layout incorporates the use of 12 ft. type tables accommodating 8 students at one time and the laboratory so equipped takes sections of twenty-four students. A complete list of the equipment shown is as follows:

3 No. D-701 Chemistry Desk. (Or any other 12 ft type table listed.)
1 No. F-1114 Instructors' Desk.
2 No. D-937 Fume Hoods.
1 No. F-1162 Balance Shelf.
1 No. G-1452 Storage Case.
1 No. F-1182 Wall Sink.
1 No. G-1387 Note Book Case.
1 No. G-1491 Key Case.
1 No. G-1484 Glass Tubing Case.
1 No. F-1156 Sliding Blackboard.



No. D-580

No. D-580 COMBINATION SCIENCE TABLE

The table illustrated above adequately meets the needs of the laboratory used for both Chemistry and General Science, in the Junior and Senior High School.

Every effort has been made to keep the top free of incumbrances that limit visibility in the laboratory and cut down available working surface. For this reason the Kemco end type reagent racks are used. These racks provide shelving for as many bottles as are accommodated by the ordinary double bottle rack used on top of the table, without the disadvantages that accrue from the use of this type of rack.

The table provides drawers, and all ring stands and other apparatus commonly used by all students is stored in the common cupboards.

The table is equipped with two single pantry cocks, one of which is easily reached by each student and two double gas cocks with one gas hose cock available at each student's working space.

This table can be equipped with adjustable or non-adjustable swinging stools as desired. The four legs render the table very solid and rigid.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	42 in.	32 in.	
8 Drawers		9½ in.	4¾ in.	15 in.
2 Cupboards		16 in.	19⅞ in.	17½ in.
Stone Sink	16 in.	8 in.		7 in.

Construction—Body, selected White Oak. Birch top, black acid resisting finish.
Finish—No. 1 or No. 2 Oak.
Fixtures—2 single pantry cocks; 2 double long spout gas cocks.
Weight crated, 625 lbs.
No. D-580—As illustrated, without locks.
No. D-581—With masterkeyed locks on all drawers.

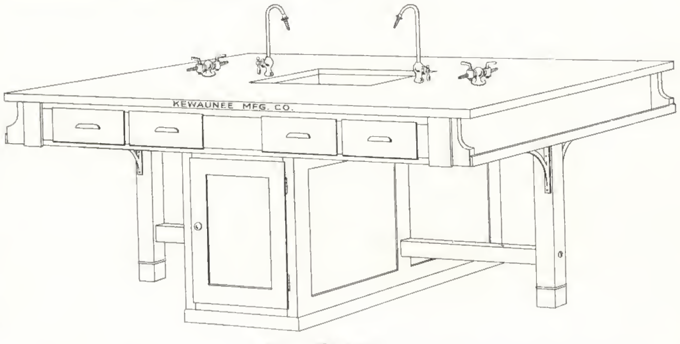
No. D-584 COMBINATION SCIENCE TABLE

This table is identical with No. D-580 illustrated above, except that in lieu of the four leg table construction, the table is equipped with 2 end legs, which are rigidly bolted to end rail of table and reinforced with heavy cast brackets.

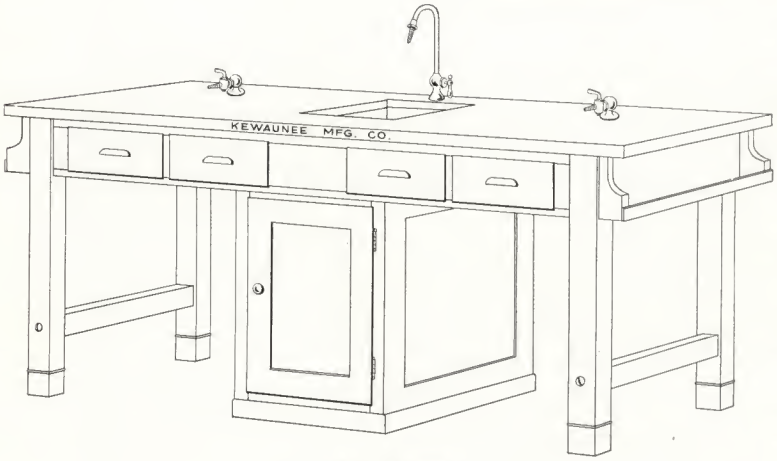
Weight crated, 600 lbs.

No. D-584—Combination Science Table, as illustrated, without locks.

No. D-585—Combination Science Table, masterkeyed locks on all drawers.


KEWAUNEE MFG. CO.

No. D-584



No. D-588

No. D-588 COMBINATION SCIENCE TABLE

There is a definite trend in the educational field toward the two student type of combination science table, because of the close supervision that is possible where all students face one way and further, because the laboratory equipped with tables that face all the students one way and allow them to be comfortably seated, can be used for other than laboratory purposes, where laboratories are not subjected to use at all periods of the day. This single two student table is identical with No. D-580 Combination Science Table in other respects.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	27 in	32 in.	
4 Drawers		9½ in.	4¾ in.	18 in.
Cupboard		16 in.	19⅞ in.	22¼ in.
Stone Sink	16 in.	8 in.		7 in.

Fixtures—1 single pantry cock; 2 single long spout gas cocks.
Weight crated, 325 lbs.

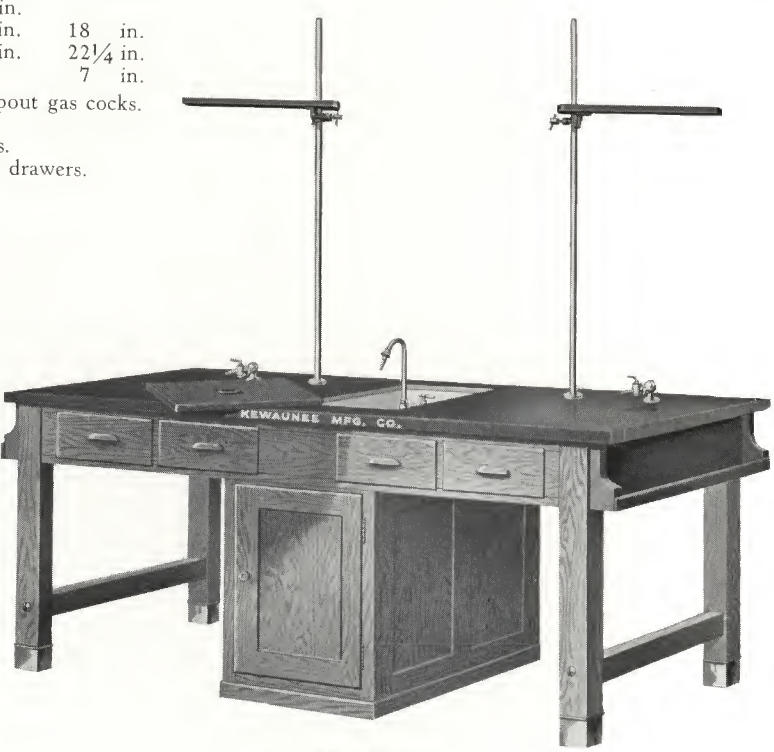
No. D-588—As illustrated, without locks.
No. D-589—With masterkeyed locks on drawers.

No. D-591 COMBINATION CHEMISTRY AND PHYSICS TABLE

This single two student table meets all the requirements of both Physics and Chemistry Laboratories. The disappearing pantry cock and sink cover, allow the full top to be utilized as working surface in Physics, and the vertical support rods equipped with Greenlaw support arms that can be swung over the end of the desk for full length pendulum experiments are all that are required to make this table ideal for laboratory work in Physics.

The end reagent racks carry all reagent bottles, the necks of which are protected by the overhanging top, and there is no obstruction to visibility in the laboratory.

The four drawers allow two sections of students to be accommodated with private locked drawers, and a common cupboard stores all the apparatus used jointly by all students in Chemistry.



No. D-591

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	27 in.	32 in.	
4 Drawers		9½ in.	4¾ in.	18 in.
Cupboard		16 in.	19⅞ in.	22¼ in.
Stone Sink	16 in.	8 in.		7 in.

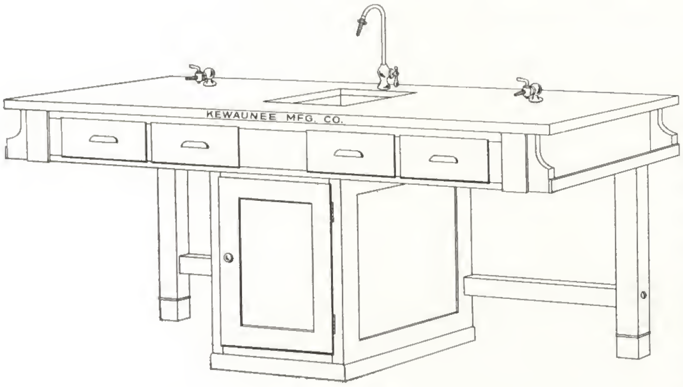
Construction—Oak body; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

Fixtures—1 single disappearing pantry cock; 2 single long spout gas cocks; upright support rods and Greenlaw crossarms.

Weight crated, 355 lbs.

No. D-591—Without locks.
No. D-592—With masterkeyed locks on all drawers.


KEWAUNEE MFG. CO.

No. D-594

No. D-594 COMBINATION SCIENCE TABLE

This table is similar in all respects to No. D-588 table shown on the opposite page, with the exception that the legs are omitted from the student's side or front of the table. The rear leg is securely bolted to table frame and reinforced with a leg stretcher bolted to center cabinet. This construction is preferred in some cases where swinging stools are used, fastened to the corner post of the cupboard.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	27 in.	32 in.	
4 drawers		9½ in.	4¾ in.	18 in.
Cupboard		16 in.	19⅞ in.	22¼ in.
Stone sink	16 in.	8 in.		7 in.

Construction—Body, selected white oak; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

Fixtures—1 single pantry cock; 2 single long spout gas cocks.

Weight crated, 305 lbs.

No. D-594—Without locks.

No. D-595—Masterkeyed locks on all drawers.

No. D-598 COMBINATION CHEMISTRY AND PHYSICS TABLE

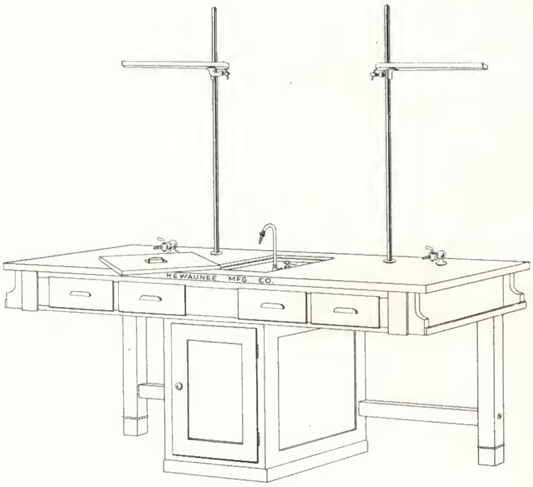
Is identical with D-591 Combination Chemistry and Physics Table shown on the opposite page, with exception that two leg construction has been substituted for the four leg construction of the former.

All combination Science Tables may be equipped with nonadjustable or adjustable swinging stools if desired.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	27 in.	32 in.	
4 drawers		9½ in.	4¾ in.	18 in.
Cupboard		16 in.	19⅞ in.	22¼ in.
Stone sink	16 in.	8 in.		7 in.

Construction—Body, selected white oak; birch top, black acid resisting finish.


KEWAUNEE MFG. CO.

No. D-598

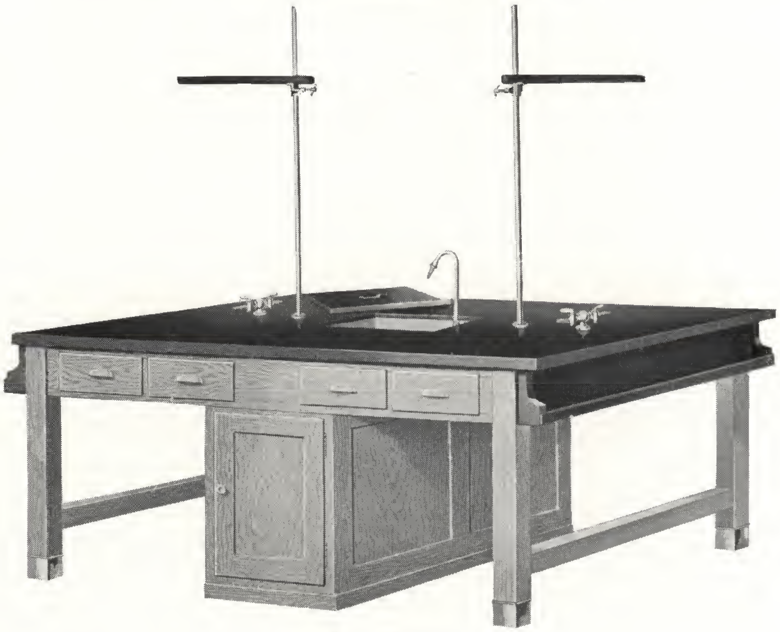
Finish—No. 1 or No. 2 Oak.

Fixtures—1 single disappearing pantry cock; 2 single long spout gas cocks; upright support rods and Greenlaw crossarms.

Weight crated, 335 lbs.

No. D-598—Without locks.

No. D-599—With masterkeyed locks on all drawers.



No. D-601

No. D-601 COMBINATION CHEMISTRY AND PHYSICS TABLE

This four student, two section Combination Chemistry and Physics Table is very solidly and rigidly built with four leg construction. The swinging spout, disappearing pantry cock and sink cover allow the sink opening to be closed when the sink is not in use. The upright rods are quickly removable, leaving the top entirely clear with exception of the two double gas cocks. The reagent racks are conveniently located on the ends of the table. This table is an ideal Combination Science Table, being especially designed for Chemistry and Physics and also meeting all requirements for General Science, Agriculture and Biology.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	42 in.	32 in.	
8 drawers		9½ in.	4¾ in.	15 in.
2 cupboards		16 in.	19⅞ in.	17½ in.
Stone sink	16 in.	8 in.		7 in.

Construction—Body, selected white oak; birch top, black acid resisting finish.

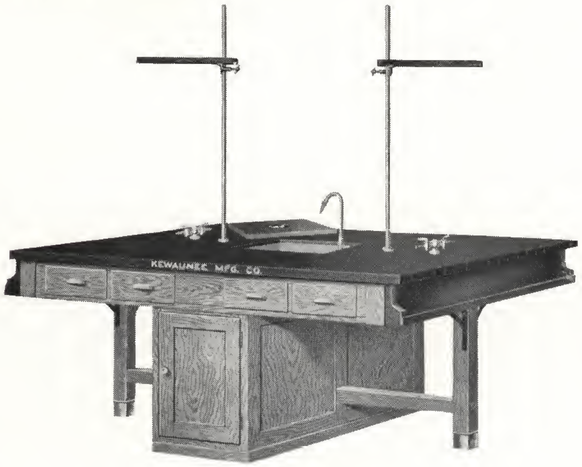
Finish—No. 1 or No. 2 Oak.

Fixtures—1 single disappearing pantry cock; 2 double long spout gas cocks; upright support rods and Greenlaw crossarms.

Weight crated, 655 lbs.

No. D-601—Without locks.

No. D-602—Masterkeyed locks on all drawers.



No. D-605

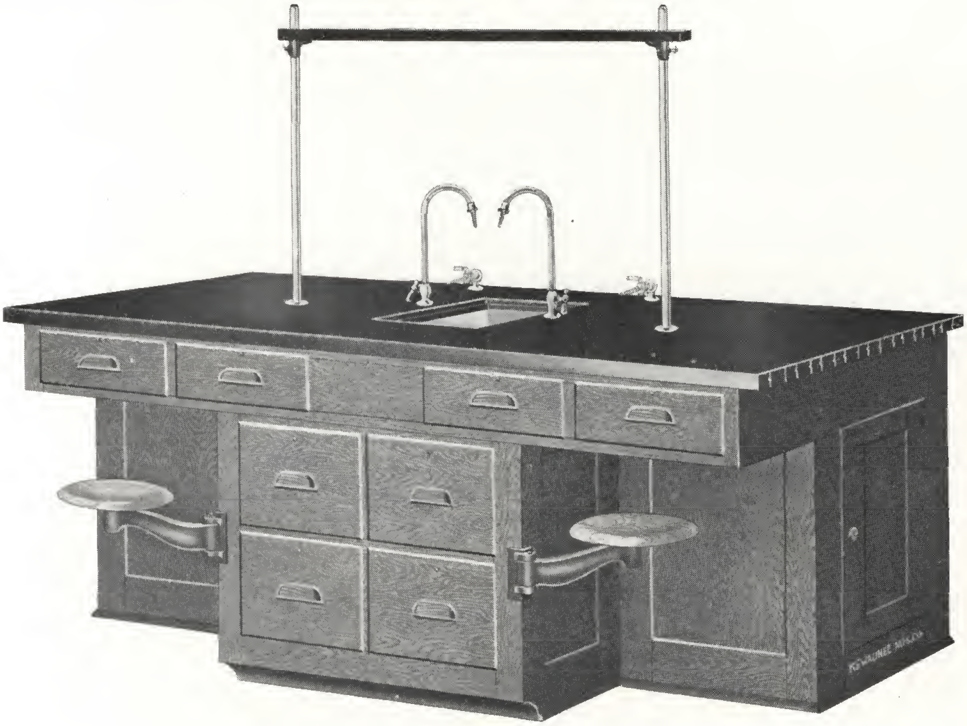
No. D-605 COMBINATION CHEMISTRY AND PHYSICS TABLE

This table is similar to No. D-601 in all respects, except that it embodies two leg instead of four leg table construction. The end legs are rigidly bolted to end rails of table, and reinforced with heavy cast brackets and bolted leg stretchers.

Weight crated, 625 lbs.

No. D-605—Without locks.

No. D-606—Masterkeyed locks on all drawers.



No. D-609

No. D-608 TWO STUDENT SCIENCE TABLE

This represents the most complete two student combination science table in our line. The table is arranged so that four sections of two students each can be accommodated, two sections being given the smaller locked drawers in the rail and two sections the larger locked drawers in the pedestal. In those schools where considerable privately used equipment is issued to each student, one large and one small drawer are sometimes assigned to one student. In those cases both drawers are keyed alike. Large end cupboards accommodate the larger apparatus used by all students. Each student is provided with one single pantry cock and one single gas hose cock. The tables are illustrated with non-adjustable swinging stools, but can be had without stools, or with adjustable swinging stools or with the Kemco non-colliding swinging chair. This table, while primarily designed for the chemistry laboratory, provides an excellent table for general science as well.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ in.	27 in.	36 in.	
4 drawers		11¼ in.	6 in.	18 in.
4 drawers		11¼ in.	9⅜ in.	14¾ in.
2 cupboards		10½ in.	21¼ in.	19¼ in.
Stone sink	16 in.	8 in.		7 in.

Construction—Body, selected white oak; birch top, black acid resisting finish.

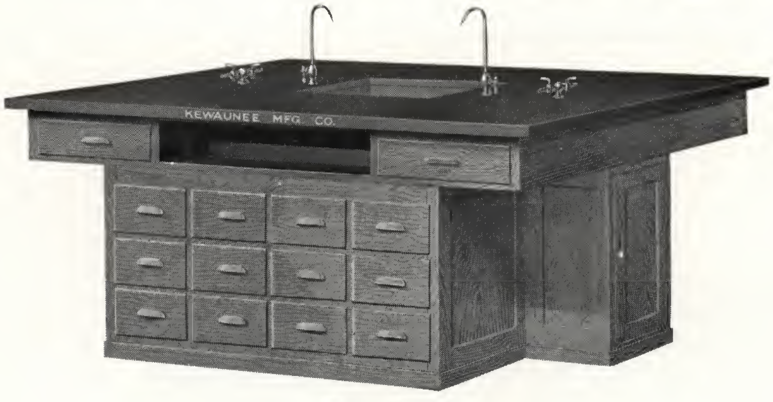
Finish—No. 1 or No. 2 Oak.

Fixtures—2 single pantry cocks; 2 single long spout gas cocks.

Weight crated, 450 lbs.

No. D-608—Without locks.

No. D-609—Masterkeyed locks on all drawers.



No. D-615

No. D-615
COMBINATION SCIENCE TABLE

This table accommodates four pupils working at one time, with individual drawers for six classes. The four long drawers in the rails, and the two cupboards, furnish space for general storage. A reagent recess is provided in the rail between the long drawers.

SPECIFICATIONS

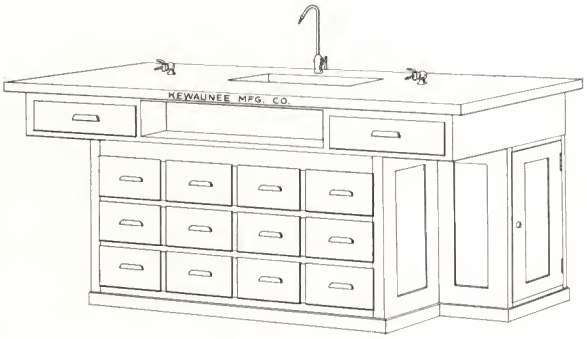
	Length	Width	Height	Depth
Overall	6¼ ft.	48 in.	36 in.	
24 drawers		8½ in.	6¼ in.	14¾ in.
4 drawers		15½ in.	4¾ in.	18 in
2 cupboards		10½ in.	23⅛ in.	11⅛ in.
Recesses		31⅝ in.	6⅝ in.	5 in.
Stone Sink	16 in.	8 in.		7 in.

Fixtures—2 single pantry cocks; 2 double long spout gas cocks.
Construction—Body, selected white oak; birch top, black acid resisting finish.
Finish—No. 1 or No. 2 Oak.
Weight crated, 900 lbs.

No. D-615—Without locks.
No. D-616—Masterkeyed locks on 24 drawers.

No. D-619 COMBINATION SCIENCE TABLE

The large capacity of this two student table, which accommodates six sections with private locked drawers, meets the requirements of the large school where six sections of science classes will use the laboratory. The top, free of reagent racks allows unobstructed visibility throughout the laboratory, and the two student arrangement affords the instructor every opportunity for close supervision.


KEWAUNEE MFG. CO.

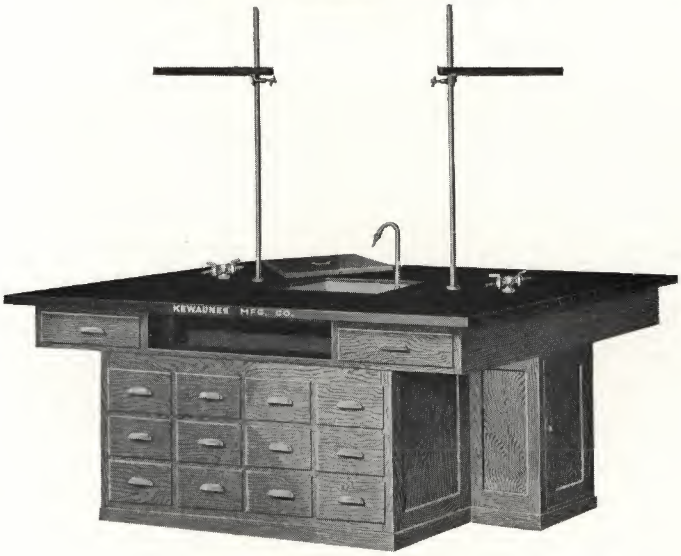
No. D-619

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	27 in.	36 in.	
12 drawers		8½ in	6¼ in.	14¾ in.
2 drawers		15½ in.	4¾ in.	18 in.
2 cupboards		10½ in.	23⅛ in.	11⅛ in.
Recess		31⅝ in.	6⅝ in.	5 in.
Stone Sink	16 in.	8 in.		7 in.

Weight crated, 500 lbs.

No. D-619—Without locks.
No. D-620—Masterkeyed locks on 12 drawers.



No. D-623

No. D-623 COMBINATION CHEMISTRY AND PHYSICS TABLE

This table is equipped with two upright support rods having Greenlaw crossarms and water is supplied through a swinging spout disappearing pantry cock. A sink cover is provided so that when the sink is not in use, it may be covered and the top thus present an unbroken working surface. These features make the table an ideal table for physics and chemistry and for general science as well. Six sections of four students each are accommodated with privately locked drawers and four large drawers in rail and two end cupboards provide ample storage space for general storage.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	48 in.	36 in.	
24 drawers		8½ in.	6¼ in.	14¾ in.
4 drawers		15½ in.	4¾ in.	18 in.
2 cupboards		10½ in.	23⅛ in.	11⅛ in.
Recesses		31⅝ in.	6⅝ in.	5 in.
Stone Sink	16 in.	8 in.		7 in.

Construction—Body, selected white oak; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

Fixtures—1 single disappearing pantry cock; 2 double long spout gas cocks; upright support rods and Greenlaw crossarms.

Weight crated, 930 lbs.

No. D-623—Without locks.

No. D-624—Masterkeyed locks on 24 drawers.

No. D-647 COMBINATION CHEMISTRY AND PHYSICS TABLE

This two student table accommodates six sections of two students each, and has the same accommodations and equipment as number D-623 illustrated above.

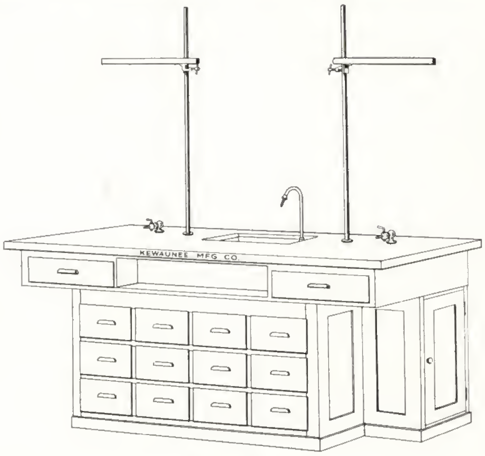
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	27 in.	36 in.	
12 drawers		8½ in.	6¼ in.	14¾ in.
2 drawers		15½ in.	4¾ in.	18 in.
2 cupboards		10½ in.	23⅛ in.	11⅛ in.
Recess		31⅝ in.	6⅝ in.	5 in.
Stone Sink	16 in.	8 in.		7 in.

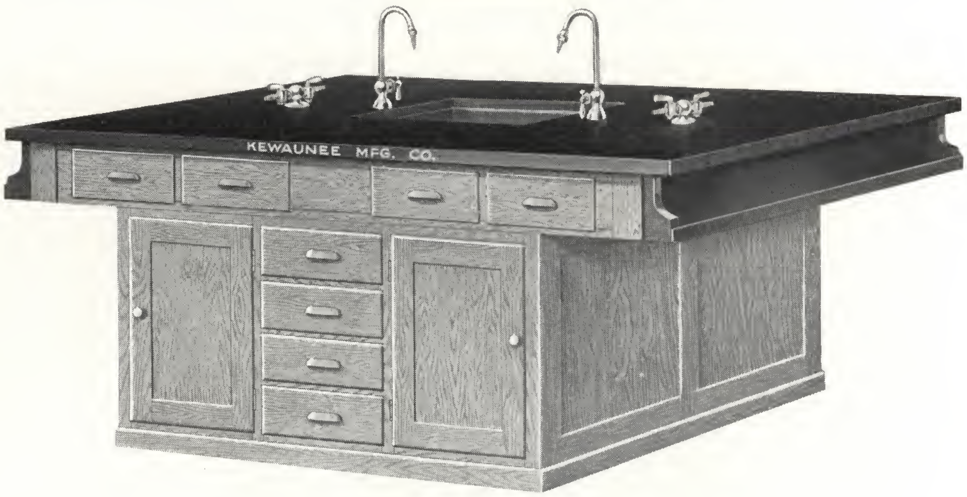
Weight crated, 530 lbs.

No. D-647—Without locks.

No. D-648—Masterkeyed locks on 12 drawers.



No. D-647



No. D-650

No. D-650 CHEMISTRY TABLE

This four section, four student Chemistry table is very popular and widely used in high schools, because of the convenient location of the general storage cupboards at each student's working space, and because of the ample size of the individual student drawers. Reagent racks are conveniently placed at the end of the table leaving the entire table top free of incumbrances, and a laboratory equipped with this table allows easy supervision. The table may be had equipped with swinging stools and also be provided with Down Draft Fume Hood if desired.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	48 in.	36 in.	
8 drawers		9½ in.	4¾ in.	18 in.
8 drawers		10¾ in.	4¾ in.	14¾ in.
4 cupboards		12¼ in.	24 1/16 in.	15½ in.
Stone Sink	16 in.	8 in.		7 in.

Construction—Body, selected white oak; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

Fixtures—2 single pantry cocks; 2 double long spout gas cocks.

Weight crated, 825 lbs.

No. D-650—Without locks.

No. D-651—Masterkeyed locks on 16 drawers.

No. D-653 COMBINATION CHEMISTRY AND PHYSICS TABLE

Upright rods with Greenlaw crossarms and sink provided with disappearing pantry cock and sink cover make this an ideal combination Physics and Chemistry table. Identical with D-650 illustrated above in drawer and cupboard arrangement.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	48 in.	36 in.	
8 drawers		9½ in.	4¾ in.	18 in.
8 drawers		10¾ in.	4¾ in.	14¾ in.
4 cupboards		12¼ in.	24 1/16 in.	15½ in.
Stone Sink	16 in.	8 in.		7 in.

Construction—Oak body; birch top.

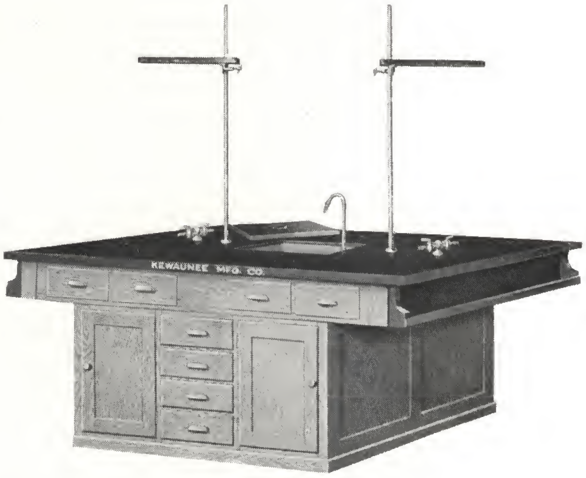
Finish—No. 1 or No. 2 Oak.

Fixtures—1 single disappearing pantry cock; 3 double long spout gas cocks; 2 upright support rods and Greenlaw crossarms.

Weight crated, 855 lbs.

No. D-653—Without locks.

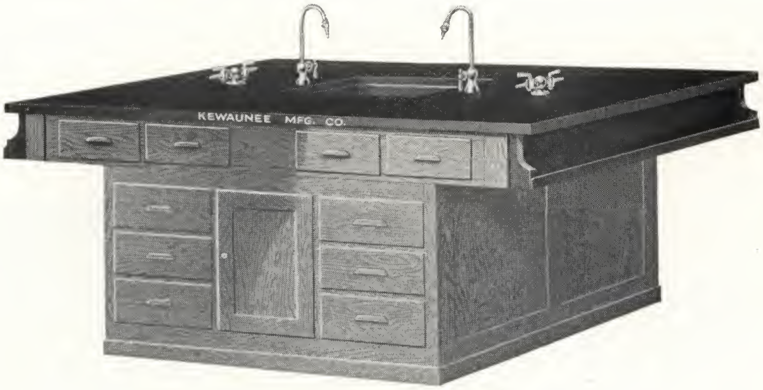
No. D-654—Masterkeyed locks on drawers.



No. D-653

No. D-657
COMBINATION SCIENCE TABLE

No. D-657 table accommodates five sections of four students each with private locked drawers, and provides two large common cupboards for the storage of general apparatus.



No. D-657

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	48 in.	36 in.	
8 drawers		9½ in.	4¾ in.	18 in.
12 drawers		10¾ in.	6¾ in.	18 in.
Stone Sink	16 in.	8 in.		7 in.
2 cupboards		12¼ in.	24 1/16 in.	15½ in.

Construction—Body, selected white oak; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

Fixtures—2 single pantry cocks; 2 double long spout gas cocks.

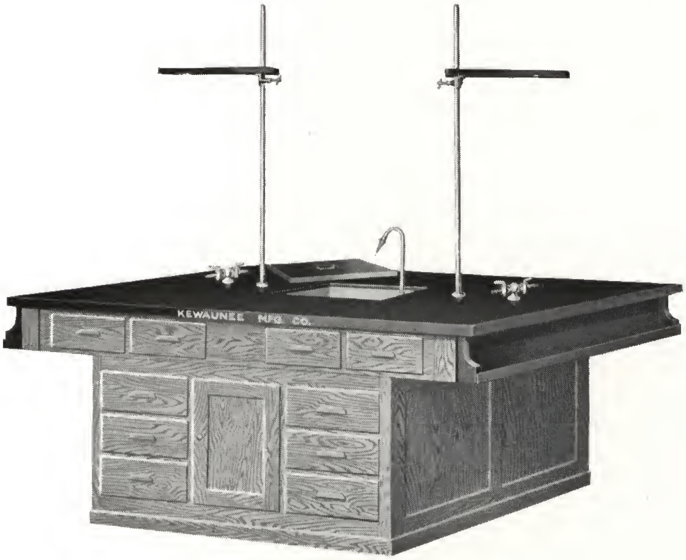
Weight crated, 875 lbs.

No. D-657—Without locks.

No. D-658—Masterkeyed locks on all drawers.

No. D-660 COMBINATION CHEMISTRY AND PHYSICS TABLE

Having the same drawer and cupboard arrangement as No. D-657 illustrated above, this table is further provided with disappearing pantry cock, sink cover and upright rods and Greenlaw crossarms. An excellent combination table for Physics and Chemistry.



No. D-660

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	48 in.	36 in.	
8 drawers		9½ in.	4¾ in.	18 in.
12 drawers		10¾ in.	6¾ in.	18 in.
2 cupboards		12¼ in.	24 1/16 in.	15½ in.
Stone Sink	16 in.	8 in.		7 in.

Construction—Oak body; birch top, black acid resisting finish.

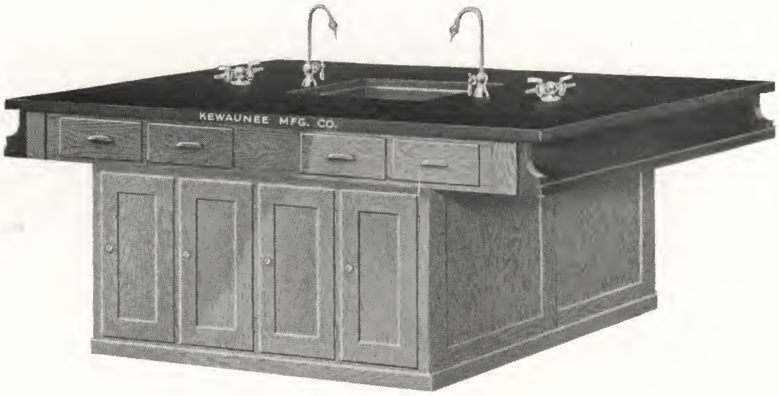
Finish—No. 1 or No. 2 Oak.

Fixtures—1 single disappearing pantry cock; 2 double long spout gas cocks; upright support rods and Greenlaw crossarms.

Weight—Crated, 900 lbs.

No. D-660—Without locks.

No. D-661—Masterkeyed locks on all drawers.



No. D-664

No. D-664 COMBINATION SCIENCE TABLE

This table is designed for use in those high school and college laboratories where all apparatus is assigned to students individually, and one drawer and one cupboard are assigned to each student. The table accommodates two sections of four students each. This table also meets all of the requirements of General Science.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6¼ ft.	48 in.	36 in.	
8 drawers		9½ in.	4¾ in.	18 in.
8 cupboards		9 in.	24 1/16 in.	15½ in.
Stone Sink	16 in.	8 in.		7 in.

Construction—Oak body; birch top, black acid resisting finish.

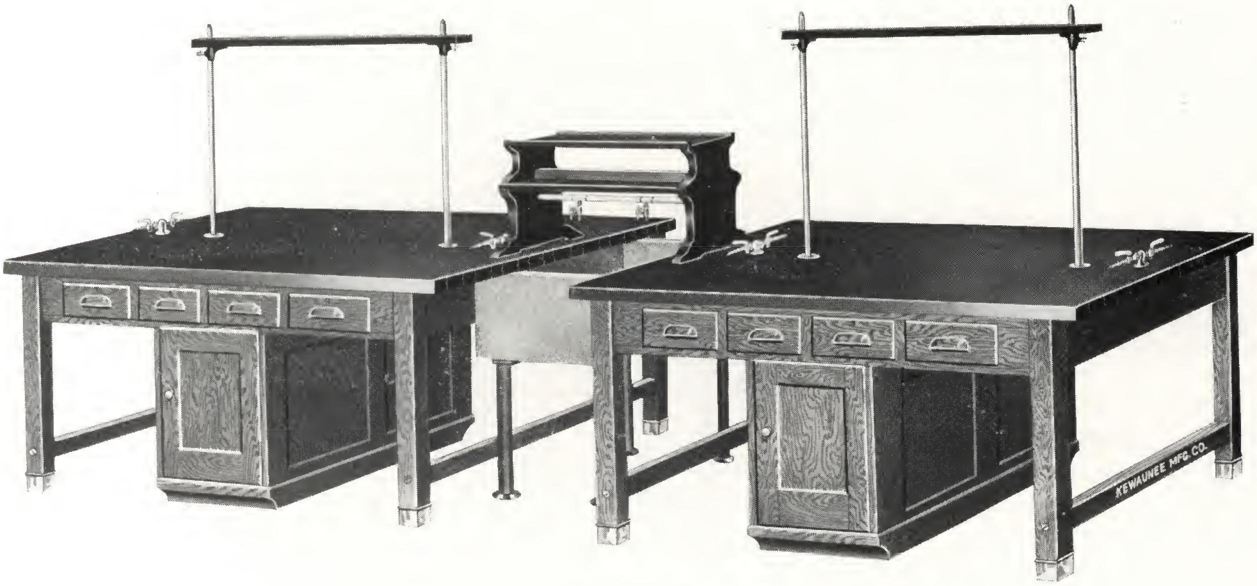
Finish—No. 1 or No. 2 Oak.

Fixtures—2 single pantry cocks; 2 double long spout gas cocks.

Weight crated, 750 lbs.

No. D-664—Without locks.

No. D-665—Masterkeyed locks on drawers and cupboards.



No. D-667

No. D-667 COMBINATION SCIENCE GROUP TABLES

Number D-667 illustrated above is a combination of two 6 ft. tables being joined by a large soapstone sink and double shelf reagent rack. The table accommodates two sections of eight students each with private locked drawers and provides one common cupboard for each two students. The table is equipped with vertical support rods and wood crossbars, gas and water, and makes a splendid combination for the teaching of Chemistry, Physics, Biology or General Science. The sink between the two tables affords economical plumbing and a laboratory equipped with this design of table covers a wide range of usefulness and is very inexpensive.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	14½ ft.	48 in.	36 in.	
16 drawers		12 in.	5¼ in.	17¼ in.
4 cupboards		16 in.	21¾ in.	20 in.
Stone Sink	33½ in.	27½ in.		8¾ in.

Construction—Body, selected white oak; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

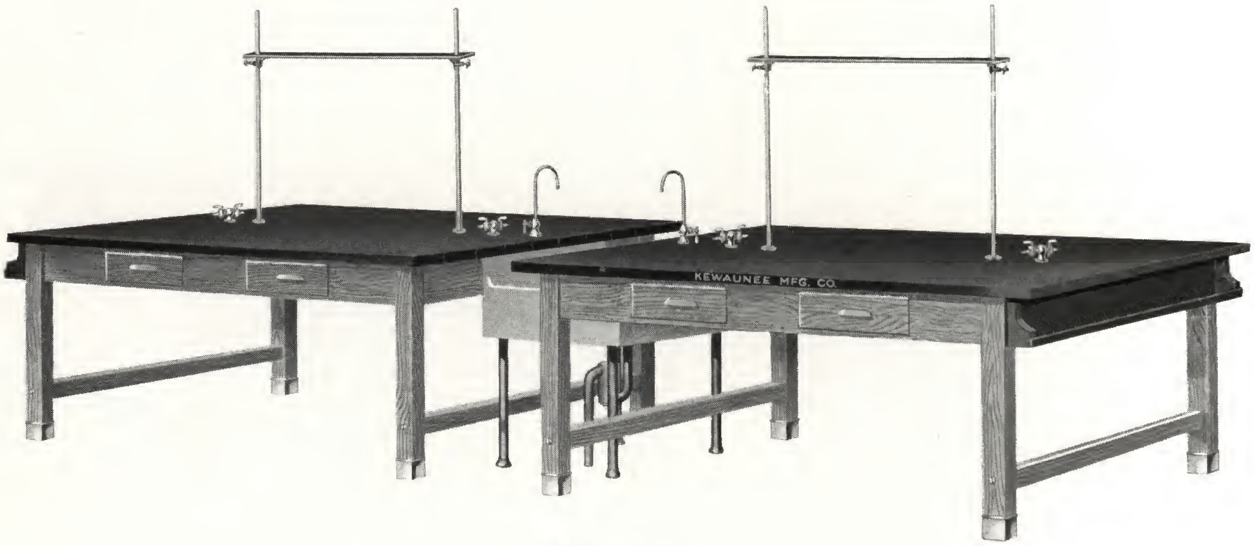
Fixtures—2 straight way water cocks; 4 long spout double gas cocks; plumbing complete to floor line, 4 upright support rods and crossarms.

Locks—All different and masterkeyed.

Weight crated, 1200 lbs.

No. D-667—Masterkeyed locks on all drawers.

No. D-668—Without locks.



No. D 671

No. D-671 COMBINATION SCIENCE TABLE

The table arrangement above accommodates eight students at one time and provides private locked drawers for one section. The end reagent racks leave the top free, and the large sink together with gas hose cocks and vertical support rods and crossbars make this an excellent combination for Chemistry, Physics, Biology, Agriculture or General Science. This unit is particularly adaptable to the smaller school where a number of different sciences can utilize one laboratory.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	14 ft.	42 in.	30 in.	
8 drawers		18½ in.	2¾ in.	14 in.
Stone sink	33½ in.	27½ in.		8¾ in.

Construction—Body of selected white oak; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

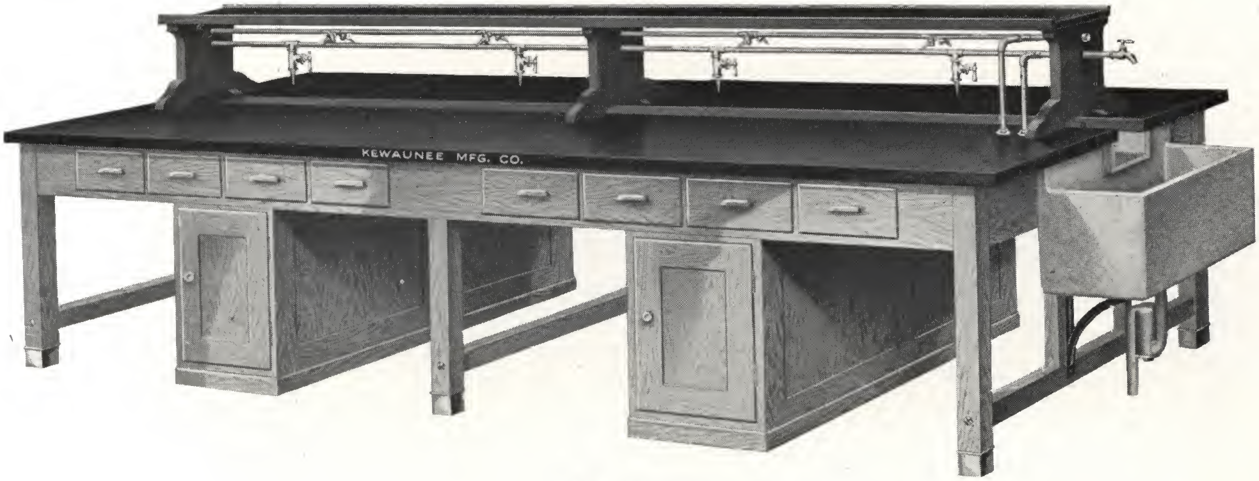
Fixtures—4 double spout gas cocks; 2 single pantry cocks; 4 upright support rods and crossarms.

Locks—All different and masterkeyed.

Weight crated, 870 lbs.

No. D-671—Without locks.

No. D-672—Masterkeyed locks on all drawers.



No. D-677

No. D-677 CHEMISTRY TABLE

Large high schools, colleges and universities have always purchased the 12 ft. or eight student type of Chemistry table with continuous plumbing from one set of floor outlets, because of economy in plumbing and floor space. The table illustrated herewith has always been widely used in high school chemistry. The center trough has the advantage of being directly in front of the student at whatever position along the table he is working at. This table accommodates two sections of eight students each with private locked drawers, and provides one general cupboard for the storage of the common apparatus for each two students. A large soapstone end sink allows the washing of apparatus at the table and the straight way water cocks and gas hose cocks are very conveniently arranged at each student's working space.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
16 drawers		12 in.	5¼ in.	14 in.
4 cupboards		16 in.	21¾ in.	20 in.
Stone Sink	20 in.	12 in.		12 in.

Construction—Body of table is constructed of solid, selected white oak. Top is built of birch strips, glued and dressed to 1⅝ inch thickness. Lead trough runs full length of the table and terminates over the soapstone sink.

Finish—No. 1 or No. 2 Oak. Top and Reagent Rack, black acid resisting finish.

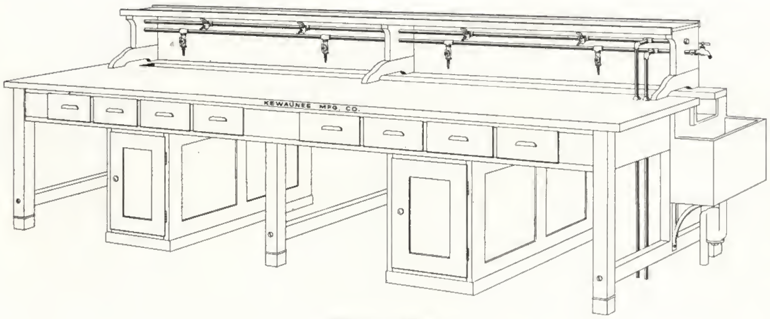
Reagent bottle shelf is made with retaining rims.

Locks—Drawers and cupboards are fitted with locks, all different and masterkeyed.

Plumbing—All plumbing complete to the floor line. Table fitted with 4 double gas cocks (8 outlets), 5 Glauber water cocks and one end sink of stone with trap and waste complete.

No. D-675— 6 ft. long without locks. Weight, 895 lbs.
No. D-676— 6 ft. long with masterkeyed locks on all drawers.
No. D-677—12 ft. long without locks. Weight, 1400 lbs.
No. D-678—12 ft. long with masterkeyed locks on all drawers.
No. D-679—18 ft. long without locks. Weight, 2000 lbs.
No. D-680—18 ft. long with masterkeyed locks on all drawers.

No. D-684 CHEMISTRY TABLE



No. D-684

Very often the size of the laboratory does not permit the use of sufficient center type tables to accommodate sufficiently large sections of students, and this wall form Chemistry table can be used to advantage at either end of the laboratory to supplement the center type tables. This wall form Chemistry table is also used widely in industrial and hospital chemistry laboratories.

SPECIFICATIONS

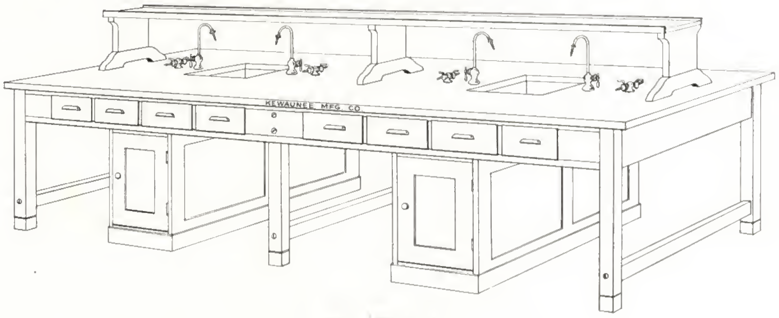
	Length	Width	Height	Depth
Overall	12 ft.	27 in.	36 in.	
8 Drawers		12 in.	5¼ in.	13 in.
2 Cupboards		16 in.	21¾ in.	21¾ in.
Stone Sink	12 in.	10 in.		12 in.

Construction—Oak body; birch top, black acid resisting finish. Lead lined trough. Sink at right end.
Finish—No. 1 or No. 2 Oak.
Fixtures—4 single gas cocks; 4 single water cocks. 1 tray bibb. All plumbing complete to floor line.

No. D-682— 6 ft. long, without locks. Weight, 590 lbs.
No. D-683— 6 ft. long, masterkeyed locks on all drawers.
No. D-684—12 ft. long, without locks. Weight, 1,000 lbs.
No. D-685—12 ft. long, masterkeyed locks on all drawers.
No. D-686—18 ft. long, without locks. Weight, 1,580 lbs.
No. D-687—18 ft. long, masterkeyed locks on all drawers.

No. D-692 CHEMISTRY TABLE

For some purposes center type sinks are preferred to trough arrangements in Chemistry tables, and this table is equipped with two large center sinks each supplied with water by two single pantry cocks. Four double gas hose cocks are installed on the table top. This makes one gas hose cock and one single pantry cock available at each students working space.



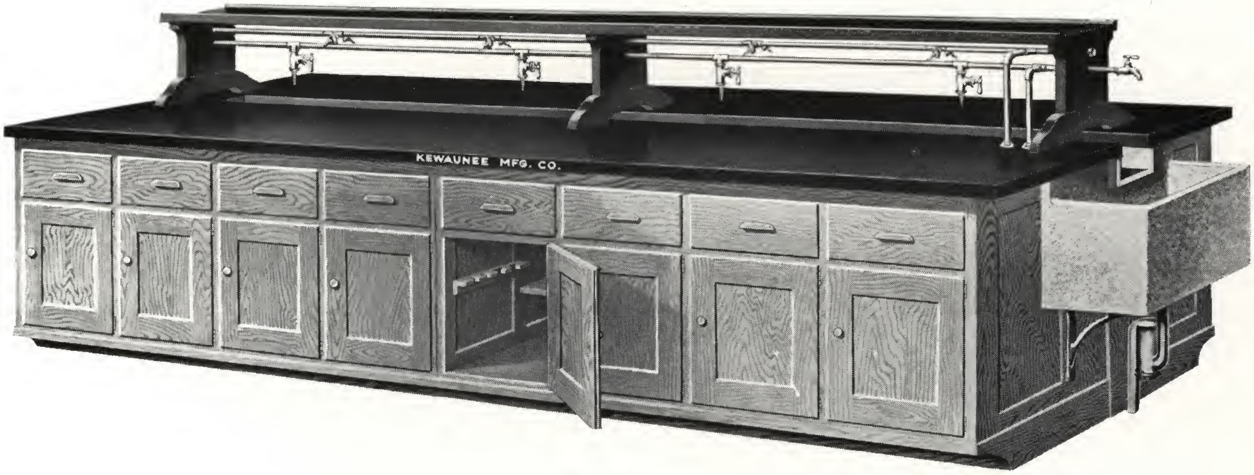
No. D-692

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
8 Drawers		12 in.	5¼ in.	16¾ in.
8 Drawers		12 in.	5¼ in.	10 in.
4 Cupboards		16 in.	20 in.	16¼ in.
2 Stone Sinks	15 in.	14 in.		5½ in.

Construction—Oak body; birch top, black acid resisting finish.
Finish—No. 1 or No. 2 Oak.
Fixtures—4 double long spout gas cocks; 4 single pantry cocks.
Plumbing complete to floor line.

No. D-690— 6 ft. long, without locks. Weight, 775 lbs.
No. D-691— 6 ft. long, masterkeyed locks on all drawers.
No. D-692—12 ft. long, without locks. Weight, 1,425 lbs.
No. D-693—12 ft. long, masterkeyed locks on all drawers.
No. D-694—18 ft. long, without locks. Weight, 2,100 lbs.
No. D-695—18 ft. long, masterkeyed locks on all drawers.



No. D-702

No. D-702 CHEMISTRY TABLE

Providing one private locked drawer and cupboard for each student, this eight student two section Chemistry table has been used more widely in the high school chemistry laboratory than any other individual design during the past twenty years. The center trough running full length of table and draining into the large soapstone end sink is very convenient, and the large amount of storage space provided for each student makes this table very desirable. The single shelf reagent rack is close enough to the table top that it does not obstruct vision in the laboratory, and proper supervision is thus rendered much easier for the instructor. Sliding trays are provided in the drawers to take the small items of individual equipment issued each student, and a rack is installed on the side of each cupboard to hang funnels, etc.

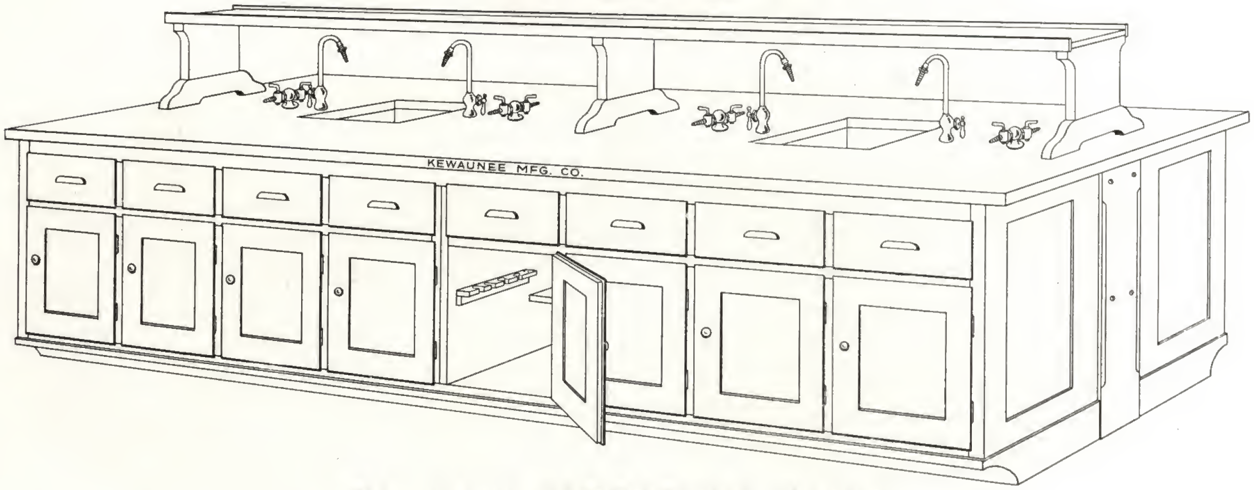
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
16 drawers		14⅜ in.	5¼ in.	14 in.
16 cupboards		15⅞ in.	21¾ in.	21 in.
1 stone sink	20 in.	12 in.		12 in.

Construction—Oak body; birch top, black acid resisting finish; lead lined trough. Finish—No. 1 or No. 2 Oak.

Fixtures—4 double gas cocks; 4 single water cocks; 1 tray bibb. All plumbing complete to floor line.

No. D-700— 6 ft. long, without locks. Weight, 1000 lbs.
No. D-701— 6 ft. long, masterkeyed locks on drawers and cupboards.
No. D-702—12 ft. long, without locks. Weight, 1670 lbs.
No. D-703—12 ft. long, masterkeyed locks on drawers and cupboards.
No. D-704—18 ft. long, without locks. Weight, 2380 lbs.
No. D-705—18 ft. long, masterkeyed locks on drawers and cupboards.



No. D-710 CHEMISTRY TABLE

No. D-710 Chemistry table has drawers and cupboards identical with No. D-702 shown on the preceding page, except that the end sink and center trough are replaced by two large center sinks installed in the table top. The four single pantry cocks and the four double gas cocks are installed on the table top instead of having water and gas supply lines carried in reagent rack. The student drawers opposite each sink are 4 in. shorter than the rest of the drawers, but drawers and cupboards in each case provide sufficient storage space for all of the student's apparatus and equipment.

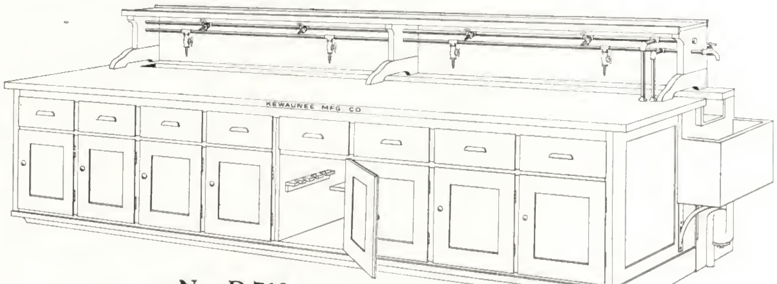
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
8 Drawers		14⅜ in.	5¼ in.	10½ in.
8 Drawers		14⅜ in.	5¼ in.	14¾ in.
16 Cupboards		15⅞ in.	21¾ in.	17 in.
2 Stone Sinks	15 in.	14 in.		5½ in.

Construction—Oak body; birch top, black acid resisting finish. Finish—No. 1 or No. 2 Oak.
Fixtures—4 double gas cocks; 4 single pantry cocks. All plumbing complete to floor line.
No. D-708— 6 ft. long, without locks. Weight, 890 lbs.
No. D-709— 6 ft. long, masterkeyed locks on drawers and cupboards.
No. D-710—12 ft. long, without locks. Weight, 1,560 lbs.
No. D-711—12 ft. long, masterkeyed locks on drawers and cupboards.
No. D-712—18 ft. long, without locks. Weight, 2,270 lbs.
No. D-713—18 ft. long, masterkeyed locks on drawers and cupboards.

No. D-718 WALL FORM CHEMISTRY TABLE

Where it is necessary to supplement center tables in the Chemistry laboratory with wall form tables, No. D-718 will accommodate two sections of four additional students each with private locked drawers and cupboards. This wall form table is also used widely in industrial and hospital laboratories, as the drawers and cupboards afford plentiful space for the storage of apparatus, materials and supplies.

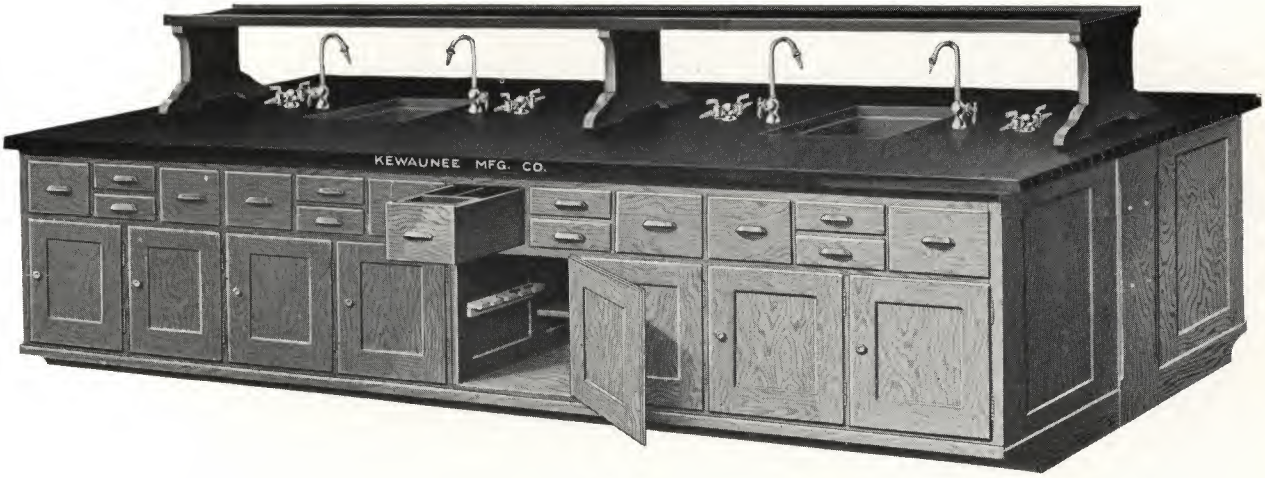


No. D-718

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	27 in.	36 in.	
8 Drawers		14⅜ in.	5¼ in.	14 in.
8 Cupboards		15⅞ in.	21¾ in.	22¼ in.
1 Stone Sink	12 in.	10 in.		12 in.

Construction—Oak body; birch top, black acid resisting finish. Finish—No. 1 or No. 2 Oak.
Fixtures—4 single gas cocks; 4 single water cocks; 1 tray bibb.
No. D-716— 6 ft. long, without locks. Weight, 800 lbs.
No. D-717— 6 ft. long, masterkeyed locks on drawers and cupboards.
No. D-718—12 ft. long, without locks. Weight, 1,320 lbs.
No. D-719—12 ft. long, masterkeyed locks on drawers and cupboards.
No. D-720—18 ft. long, without locks. Weight, 1,900 lbs.
No. D-721—18 ft. long, masterkeyed locks on drawers and cupboards.



No. D-725

No. D-725 CHEMISTRY TABLE

This Chemistry table provides two sections of eight students each with one cupboard and one large and one small private locked drawer. Where locks are furnished, the cupboard, large drawer and one small drawer for each student are keyed alike. The large drawers are provided with sliding trays designed to accommodate the numerous small items of equipment furnished each student and each cupboard is equipped with a rack for holding funnels and other glassware. The large amount of drawer and cupboard space available for each student has made this desk very desirable for both high school and college chemistry.

SPECIFICATIONS

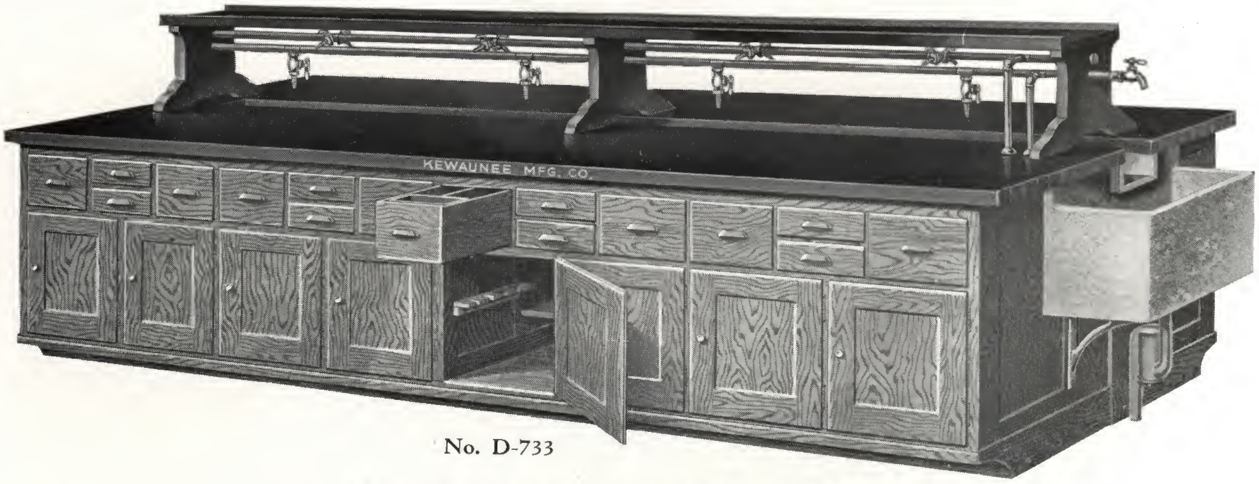
	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
8 drawers		9½ in.	8¼ in.	14¾ in.
8 drawers		9½ in.	8¼ in.	10½ in.
16 drawers		7½ in.	3⅜ in.	14¾ in.
16 cupboards		15⅞ in.	18⅝ in.	16 in.
2 stone sinks	15 in.	14 in.		5½ in.

Construction—Oak body; birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

Fixtures—4 double gas cocks; 4 single pantry cocks. Plumbing complete to floor line.

No. D-723— 6 ft. long, without locks. Weight, 950 lbs.
No. D-724— 6 ft. long, masterkeyed locks on drawers and cupboards.
No. D-725—12 ft. long, without locks. Weight, 1790 lbs.
No. D-726—12 ft. long, masterkeyed locks on drawers and cupboards.
No. D-727—18 ft. long, without locks. Weight, 2800 lbs.
No. D-728—18 ft. long, masterkeyed locks on drawers and cupboards.



No. D-733

No. D-733 CHEMISTRY TABLE

Because of its greater convenience, the trough type table with the large end sink is preferred in many instances to the Chemistry tables having center type sinks. This table has a cabinet body identical with No. D-725 shown on the preceding page, but is equipped with full length trough and large end sink, and all plumbing is carried in piping in the reagent shelf.

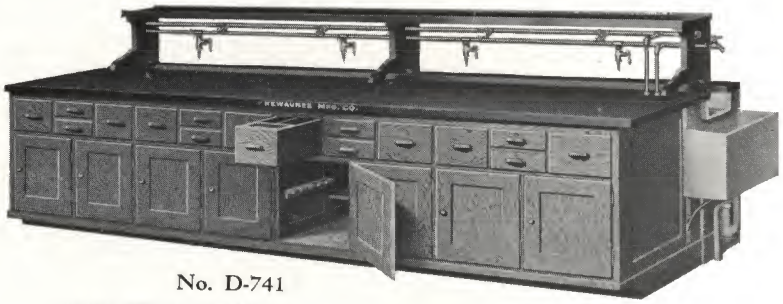
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
16 Drawers		9½ in.	8¼ in.	14¾ in.
16 Drawers		7½ in.	3⅜ in.	14¾ in.
16 Cupboards		15⅞ in.	18⅝ in.	16 in.
1 Stone Sink	20 in.	12 in.		12 in.

Construction—Oak body; birch top, black acid resisting finish. Lead lined trough.
Stone sink at right end.
Finish—No. 1 or No. 2 Oak.
Fixtures—4 double gas cocks; 4 water cocks; 1 tray bibb. All plumbing complete to floor line.
No. D-731— 6 ft. long, without locks. Weight, 940 lbs.
No. D-732— 6 ft. long, masterkeyed locks on drawers and cupboards.
No. D-733—12 ft. long, without locks. Weight, 1,700 lbs.
No. D-734—12 ft. long, masterkeyed locks on drawers and cupboards.
No. D-735—18 ft. long, without locks. Weight, 2,700 lbs.
No. D-736—18 ft. long, masterkeyed locks on drawers and cupboards.

No. D-741 WALL FORM CHEMISTRY TABLE

This table provides all of the roomy drawer and cupboard accommodations of the No. D-733 type Chemistry table in wall form. Industrial chemists find that this desk meets a definite requirement in the large number of drawers provided in combination with the eight large cupboards. Wall tables of this design are used very frequently in connection with the installation of the D-733 center type of table shown above.

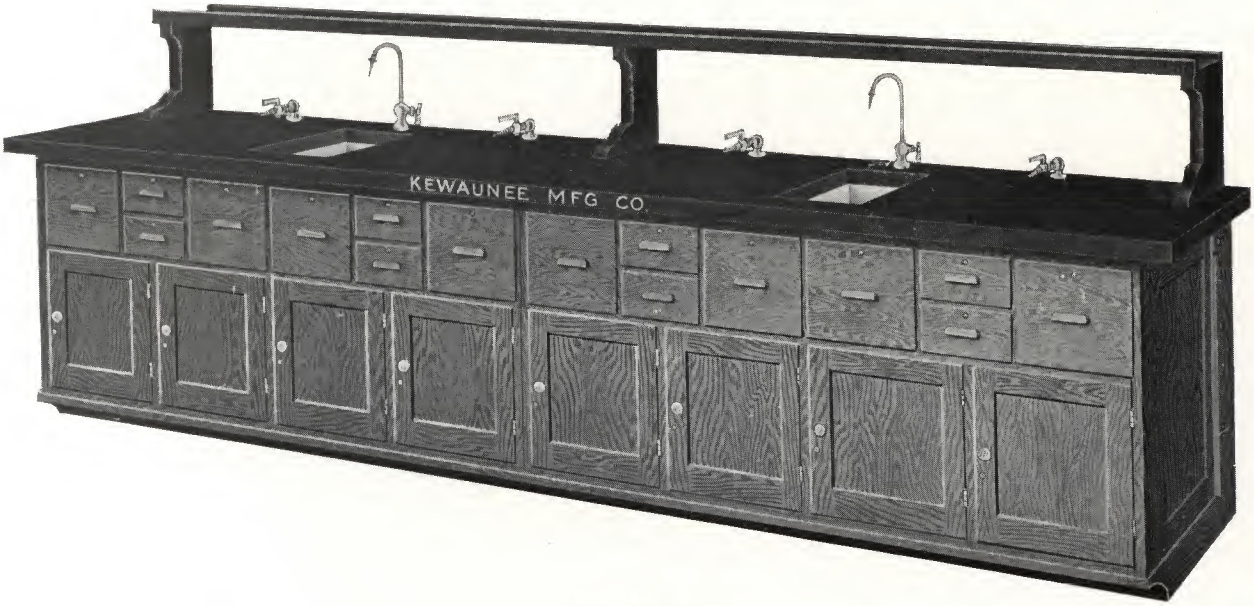


No. D-741

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	27 in.	36 in.	
8 Drawers		9½ in.	8¼ in.	14 in.
8 Drawers		7½ in.	3⅜ in.	14 in.
8 Cupboards		15⅞ in.	18⅝ in.	22¼ in.
1 Stone Sink	12 in.	10 in.		12 in.

Construction—Oak body; birch top, black acid resisting finish. Lead lined trough.
Stone sink at right end.
Finish—No. 1 or No. 2 Oak.
Fixtures—4 single gas cocks; 4 single water cocks; 1 tray bibb.
All plumbing complete to floor line.
No. D-739— 6 ft. long, without locks. Weight, 650 lbs.
No. D-740— 6 ft. long, masterkeyed locks on drawers and cupboards.
No. D-741—12 ft. long, without locks. Weight, 1,080 lbs.
No. D-742—12 ft. long, masterkeyed locks on drawers and cupboards.
No. D-743—18 ft. long, without locks. Weight, 1,800 lbs.
No. D-744—18 ft. long, masterkeyed locks on drawers and cupboards.



No. D-749

No. D-749 WALL FORM CHEMISTRY TABLE

This wall form table illustrated above is supplied with two sinks set into table top in lieu of the continuous trough and end sink shown on Chemistry table D-741 on the preceding page. In other respects the tables are identical. This design of table is used to supplement the center type table No. D-725 and is also used in industrial laboratories where the center sink type of table is preferred to the continuous trough table.

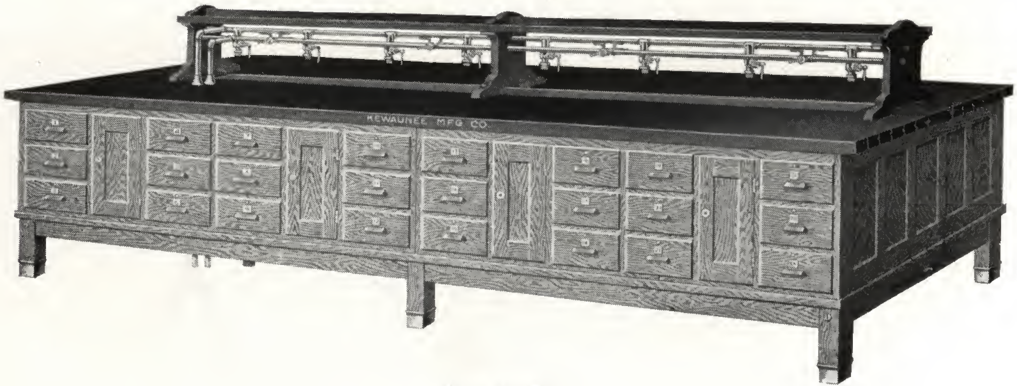
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	27 in.	36 in.	
4 drawers		9½ in.	8¼ in.	14 in.
8 drawers		7½ in.	3⅜ in.	14 in.
8 cupboards		15⅞ in.	18⅝ in.	17½ in.
2 stone sinks	15 in.	14 in.		5½ in.

Construction—Oak body; birch top, black acid resisting finish.
Finish—No. 1 or No. 2 Oak.

Fixtures—4 single gas cocks; 2 single pantry cocks. All plumbing complete to the floor line.

No. D-746— 6 ft. long, without locks. Weight, 600 lbs.
No. D-747— 6 ft. long, masterkeyed locks on drawers and cupboards.
No. D-748—12 ft. long, without locks. Weight, 1100 lbs.
No. D-749—12 ft. long, masterkeyed locks on drawers and cupboards.
No. D-750—18 ft. long, without locks. Weight, 1650 lbs.
No. D-751—18 ft. long, masterkeyed locks on drawers and cupboards.



No. D-757

No. D-757 CHEMISTRY TABLE

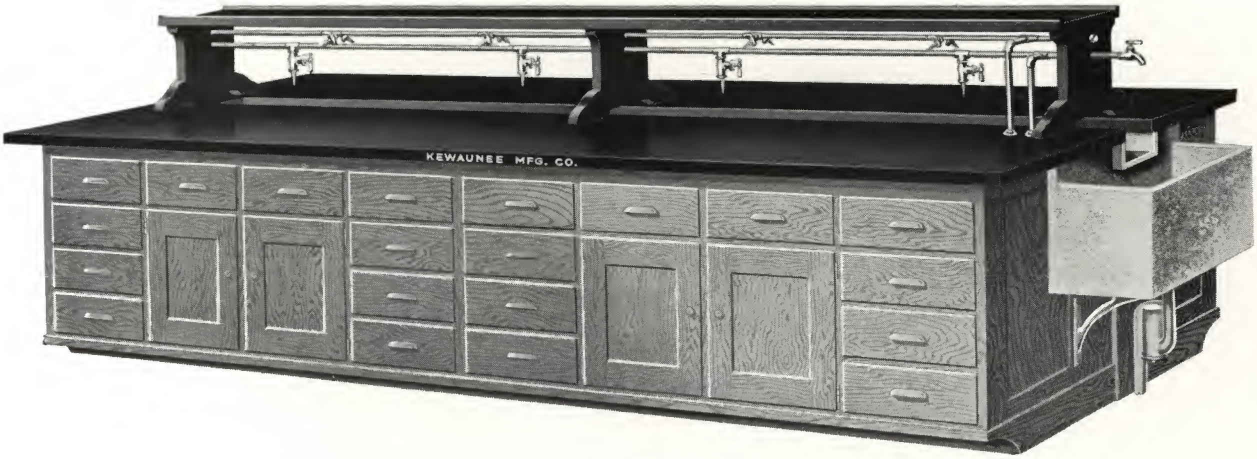
This six section table accommodates eight students at one time with private locked drawers and provides one common cupboard at each student's working space. This table embodies sanitary base construction, and this feature together with the large number of sections accommodated makes this table very desirable. The table is used widely for industrial and research work, and for this purpose is provided with eight straight way water stops directly over the continuous trough and with four double gas hose cocks. Where the table is used in high schools or college chemistry laboratories, only four straight way water stops, one at each student's working space, are necessary.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
48 drawers		8⅞ in.	5¾ in.	14¾ in.
8 cupboards		10 5/16 in.	21 in.	21 in.

Construction—Oak body; birch top, black acid resisting finish; lead lined trough.
Finish—No. 1 or No. 2 Oak.
Fixtures—8 straight way watercocks; 4 double gas cocks. All plumbing complete to floor line.

No. D-754— 6 ft. long, without locks. Weight, 950 lbs.
No. D-755— 6 ft. long, masterkeyed locks on all drawers.
No. D-756—12 ft. long, without locks. Weight, 1450 lbs.
No. D-757—12 ft. long, masterkeyed locks on all drawers.
No. D-758—18 ft. long, without locks. Weight, 1800 lbs.
No. D-759—18 ft. long, masterkeyed locks on all drawers.



No. D-764

No. D-764 CHEMISTRY TABLE

Number D-764 Chemistry table is highly desirable in those larger schools teaching a number of sections of Chemistry, because the desk provides for five sections of eight students each with private locked drawers, and also provides one common cupboard at each student's working space. The table has a continuous lead lined trough draining into large stone end sink, and all plumbing is carried in the reagent rack.

SPECIFICATIONS

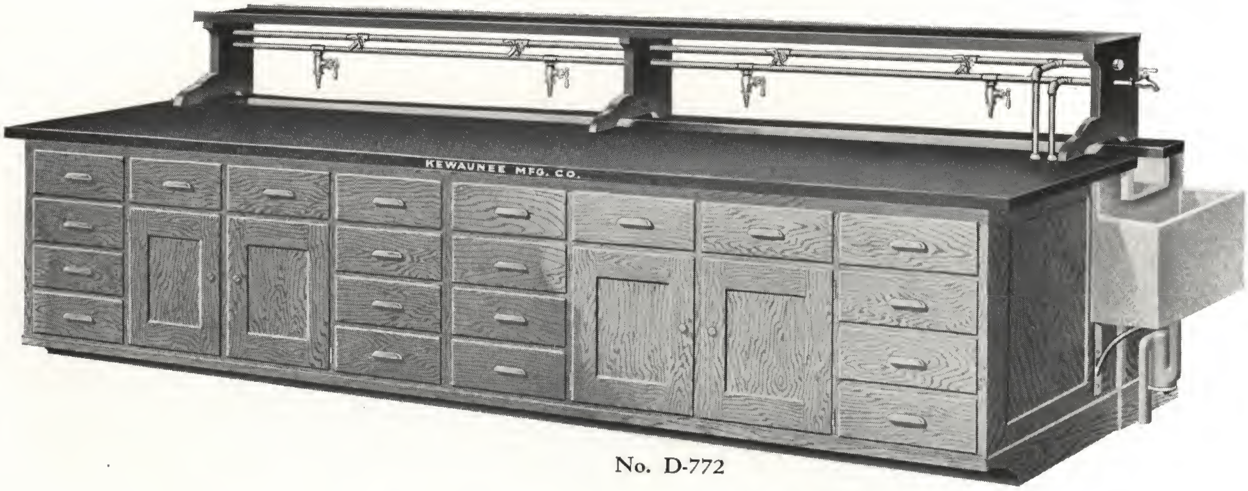
	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
16 drawers		14⅜ in.	5¾ in.	14 in.
24 drawers		14⅜ in.	5¾ in.	18 in.
8 cupboards		15⅞ in.	21⅛ in.	21 in.
1 stone sink	20 in.	12 in.		12 in.

Construction—Oak body; birch top, black acid resisting finish. Lead lined trough. Soapstone sink at end.

Finish—No. 1 or No. 2 Oak.

Fixtures—4 double gas cocks; 4 single water cocks; 1 tray bibb. All plumbing complete to the floor line.

No. D-762— 6 ft. long, without locks. Weight, 1000 lbs.
No. D-763— 6 ft. long, masterkeyed locks on all drawers.
No. D-764—12 ft. long, without locks. Weight, 1670 lbs.
No. D-765—12 ft. long, masterkeyed locks on all drawers.
No. D-766—18 ft. long, without locks. Weight, 2380 lbs.
No. D-767—18 ft. long, masterkeyed locks on all drawers.



No. D-772

No. D-772 CHEMISTRY TABLE

This design is the wall form of Chemistry table No. D-764 illustrated on the preceding page and is used to supplement center table D-764 in the laboratory in which large sections of students must be accommodated. This design of table is also used largely in industrial and hospital chemistry laboratories.

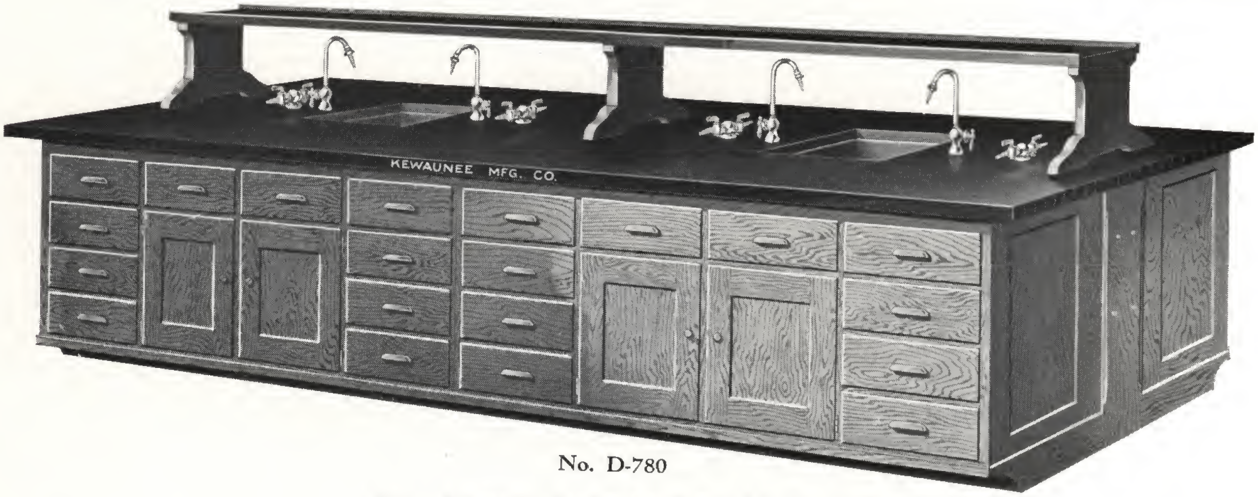
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	27 in.	36 in	
8 Drawers		14⅜ in.	5¾ in.	14 in.
12 Drawers		14⅜ in.	5¾ in.	18 in.
4 Cupboards ..		15⅞ in.	21⅛ in.	22½ in.
1 Stone Sink	12 in.	10 in.		12 in.

Construction—Oak body; birch top, black acid resisting finish. Lead lined trough. Stone sink at end.
Finish—No. 1 or No. 2 Oak.

Fixtures—4 single gas cocks; 4 single water cocks; 1 tray bibb. All plumbing complete to floor line.

No. D-770— 6 ft. long, without locks. Weight, 600 lbs.
No. D-771— 6 ft. long, masterkeyed locks on all drawers.
No. D-772—12 ft. long, without locks. Weight, 1,050 lbs.
No. D-773—12 ft. long, masterkeyed locks on all drawers.
No. D-774—18 ft. long, without locks. Weight, 1,600 lbs.
No. D-775—18 ft. long, masterkeyed locks on all drawers.



No. D-780

No. D-780 CHEMISTRY TABLE

This center sink type Chemistry table is identical in all respects with No. D-764 Chemistry table illustrated on the previous page with the exception that the continuous trough and end sink have been replaced by two center type sinks and all plumbing is carried on table top instead of in reagent rack.

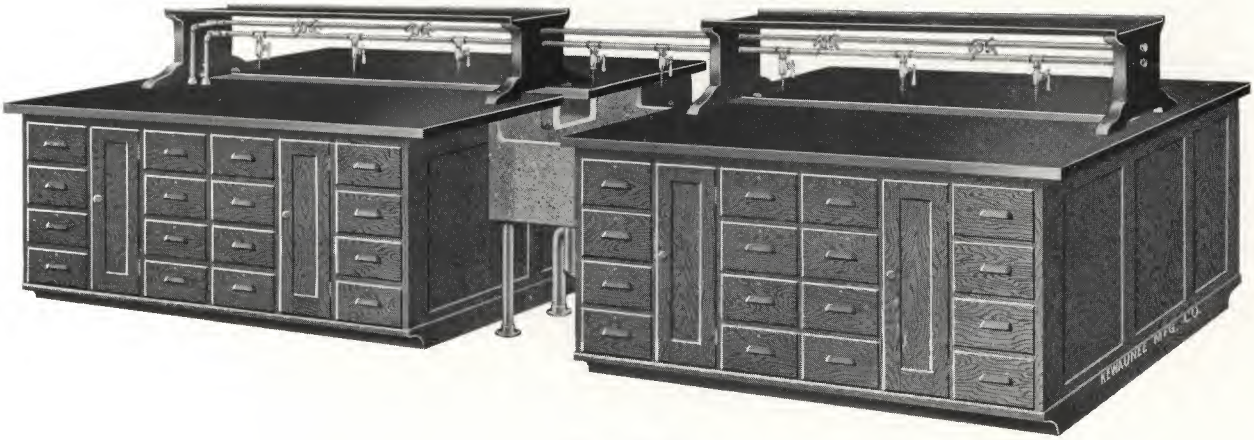
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
32 Drawers ..		14⅜ in.	5¾ in.	14¾ in.
8 Drawers		14⅜ in.	5¾ in.	10 in.
8 Cupboards..		15⅞ in.	21⅛ in.	17¼ in.
2 Stone Sinks	15 in.	14 in.		5½ in.

Construction—Oak body; birch top, black acid resisting finish. 2 built in stone sinks.
Finish—No. 1 or No. 2 Oak.

Fixtures—4 double gas cocks; 4 single pantry cocks. All plumbing complete to the floor line.

No. D-778— 6 ft. long, without locks. Weight, 870 lbs.
No. D-779— 6 ft. long, masterkeyed locks on all drawers.
No. D-780—12 ft. long, without locks. Weight, 1,625 lbs.
No. D-781—12 ft. long, masterkeyed locks on all drawers.
No. D-782—18 ft. long, without locks. Weight, 2,350 lbs.
No. D-783—18 ft. long, masterkeyed locks on all drawers.



No. D-787

No. D-786 CHEMISTRY TABLE

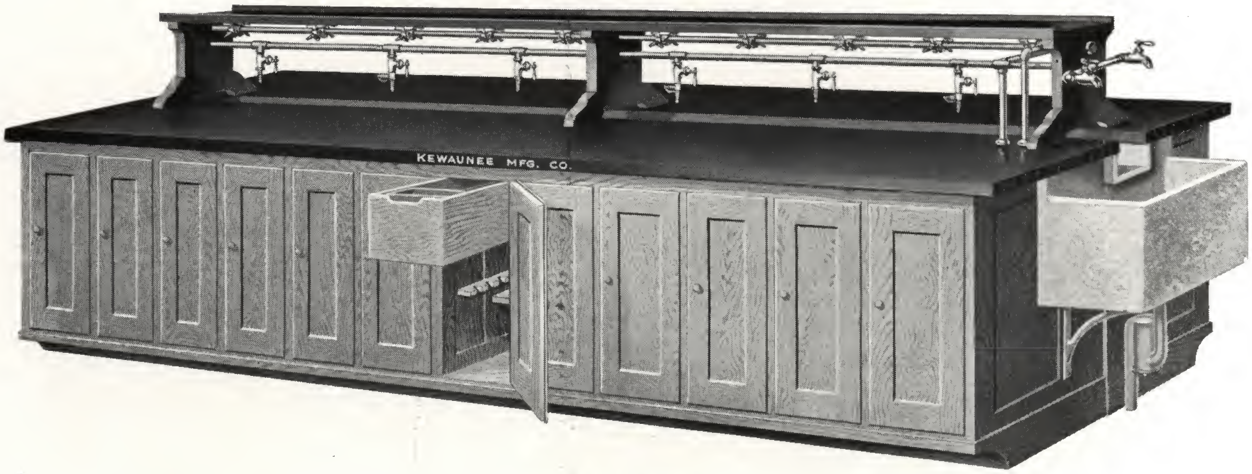
This table accommodates eight sections of eight students each with one private locked drawer and provides one common cupboard at each student's working space. This type of table is also frequently used for four sections of eight students each in which case two drawers are assigned to each student, and where locks are used, these two drawers are keyed alike. The large student capacity of this design of table makes it very attractive to the large schools where a great many sections of students must be accommodated. The cupboard is sufficiently wide to take such general apparatus as is ordinarily stored in the table. The large center sink is convenient and accessible and provides a very economical installation in proportion to the number of students accommodated.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	13 ft. 10 in.	48 in.	36 in.	
64 drawers		8⅞ in.	5¾ in.	14¾ in.
8 cupboards		10 5⁄16 in.	28⅜ in.	21 in.
1 stone sink	24 in	20 in.		12 in.

Construction—Oak body, birch top, black acid resisting finish. Lead lined trough.
Stone sink between tables.
Finish—No. 1 or No. 2 Oak.
Fixtures—4 double gas cocks; 8 water cocks. All plumbing complete to floor line.
Weight crated, 2160 lbs.

No. D-786—Without locks.
No. D-787—Masterkeyed locks on all drawers.



No. D-794

No. D-794 GENERAL CHEMISTRY TABLE

General Inorganic or freshman Chemistry courses are usually crowded, and this general Chemistry table is designed to accommodate eight students at one time and provides a cupboard and drawer approximately one foot wide for each student in three sections. The drawer has a sliding tray which holds all small apparatus that must be kept clean and quickly accessible. The cupboard is provided with a rack for holding funnels, thistle tubes and U tubes with a minimum possibility of breakage. Locker and drawer space has been worked out to accommodate approximately ninety articles ordinarily issued to each student. Two cold water faucets are supplied over end sink and one straight way cold water faucet is supplied at two foot intervals along the top. The water faucets are equipped alternately with filter pumps and hose connections. Double gas hose cocks are supplied at intervals of 15 inches the full length of the table. Each student has approximately six square feet of working surface on the top. With this drawer and cupboard arrangement, the drawer is placed behind the cupboard door and one lock locks both drawer and cupboard.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
24 drawers		7½ in.	7¼ in.	13 in.
24 cupboards		10 5/16 in.	20¼ in.	21 in.
1 stone sink	20 in.	12 in.		12 in.

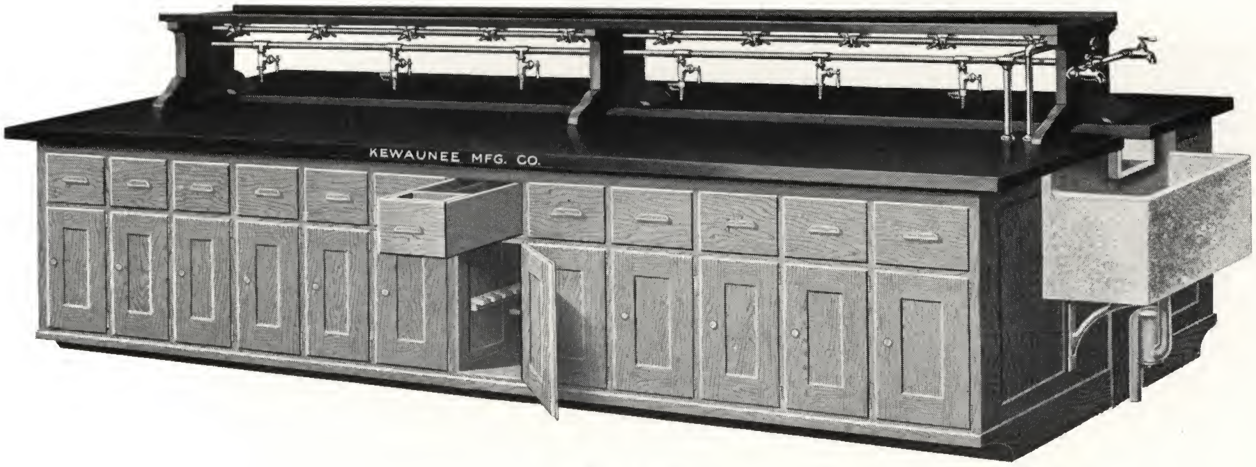
Construction—Oak body; birch top, black acid resisting finish. Lead lined trough. Stone sink at right end.

Finish—No. 1 or No. 2 Oak.

Fixtures—10 double gas cocks; 6 water cocks; 2 tray bibbs. All plumbing complete to floor line.

Weight crated—No. D-794—1600 lbs.; No. D-795—2100 lbs.; No. D-796—2220 lbs.; No. D-797—2810 lbs.; No. D-798—2510 lbs.; No. D-799—3278 lbs.

No. D-794—12 ft. long, wood top, masterkeyed locks on all cupboards.
No. D-795—12 ft. long, soapstone top, masterkeyed locks on all cupboards.
No. D-796—15 ft. long, wood top, masterkeyed locks on all cupboards.
No. D-797—15 ft. long, soapstone top, masterkeyed locks on all cupboards.
No. D-798—18 ft. long, wood top, masterkeyed locks on all cupboards.
No. D-799—18 ft. long, soapstone top, masterkeyed locks on all cupboards.



No. D-802

No. D-802 GENERAL CHEMISTRY TABLE

The top arrangement and water, gas and end sink arrangement of this table are similar to No. D-794 shown on the opposite page. The drawer, however, is placed above the cupboard instead of inside the cupboard door. In other respects the table accommodates the same number of students and the same number of sections and provides an equal amount of drawer and cupboard space.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
24 drawers		8⅞ in.	7¼ in.	14¾ in.
24 cupboards		10 5⁄16 in.	19¾ in.	21 in.
1 stone sink	20 in.	12 in.		12 in.

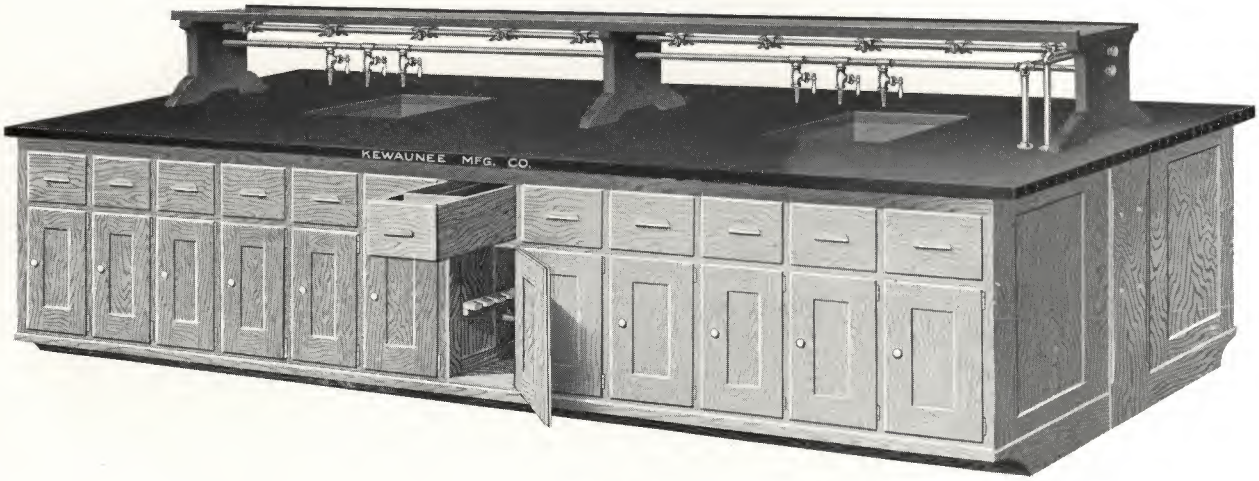
Construction—Oak body; birch top, black acid resisting finish. Lead lined trough. Stone sink at right end.

Finish—No. 1 or No. 2 Oak.

Fixtures—10 double gas cocks; 6 water cocks; 2 tray bibbs. All plumbing complete to floor line.

Weight crated—No. D-802—1600 lbs.; No. D-803—2100 lbs.; No. D-804—2220 lbs.; No. D-805—2810 lbs.; No. D-806—2510 lbs.; No. D-807—3278 lbs.

No. D-802—12 ft. long, wood top, masterkeyed locks on all drawers and cupboards.
No. D-803—12 ft. long, soapstone top, masterkeyed locks on all drawers and cupboards.
No. D-804—15 ft. long, wood top, masterkeyed locks on all drawers and cupboards.
No. D-805—15 ft. long, soapstone top, masterkeyed locks on all drawers and cupboards.
No. D-806—18 ft. long, wood top, masterkeyed locks on all drawers and cupboards.
No. D-807—18 ft. long, soapstone top, masterkeyed locks on all drawers and cupboards.



No. D-810

No. D-810 GENERAL CHEMISTRY TABLE

Accommodating three sections of eight students each with private locked drawer and cupboard, this general Chemistry table differs from the preceding numbers in that two large soapstone center sinks are placed in the top of the table. Each sink is supplied with water from three straight way water stops which are alternately equipped with filter pumps and hose connections. Ten double long spout gas hose cocks supply gas. Each student has approximately six square feet of working surface on the top. The single shelf reagent rack is used because its low height does not obstruct visibility in the laboratory. Student's drawer and cupboard are furnished with locks keyed alike, and in addition to the drawer tray and funnel and thistle tube rack in the cupboard, a fixed shelf half the depth of the cupboard is provided.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
16 drawers		8⅞ in.	7¼ in.	16¾ in.
8 drawers		8⅞ in.	7¼ in.	10 in.
24 cupboards		10 5/16 in.	19¾ in.	17¼ in.
2 stone sinks	15 in.	14 in.		5½ in.

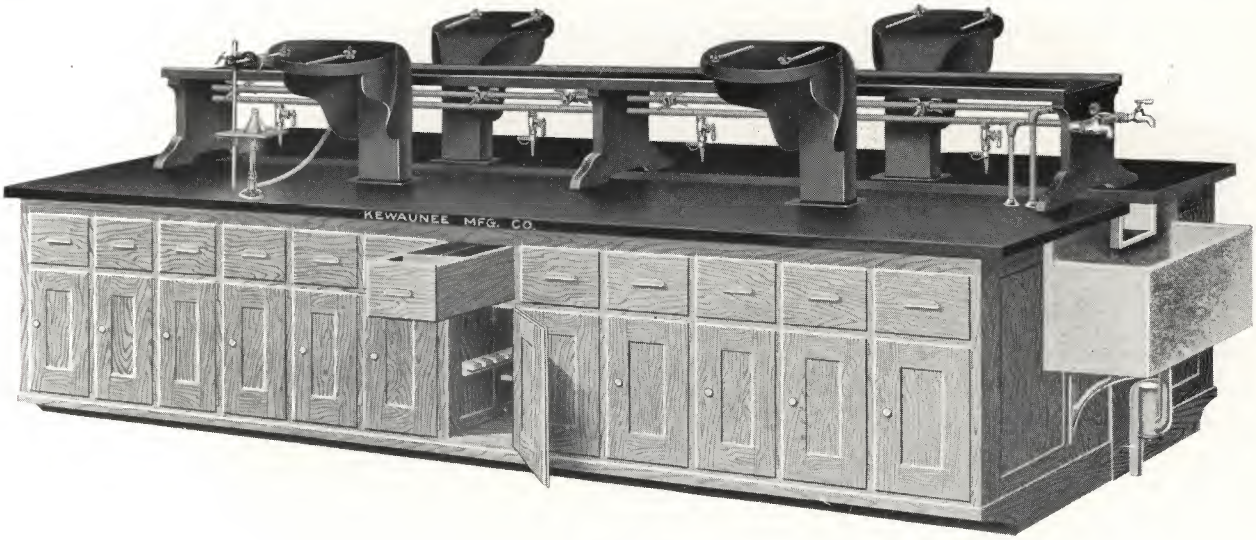
Construction—Oak body; birch top, black acid resisting finish. 2 built-in stone sinks.

Finish—No. 1 or No. 2 Oak.

Fixtures—10 double gas cocks; 6 water cocks. All plumbing complete to floor line.

Weight crated—No. D-810—1490 lbs.; No. D-811—1990 lbs.; No. D-812—2190 lbs.; No. D-813—2700 lbs.; No. D-814—2400 lbs.; No. D-815—3268 lbs.

No. D-810—12 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-811—12 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.
No. D-812—15 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-813—15 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.
No. D-814—18 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-815—18 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.


KEWAUNEE MFG. CO.

No. D-818

No. D-818 GENERAL CHEMISTRY TABLE

Ventilation in the freshman laboratory is of extreme importance, because of the nature of some of the chemicals and gases frequently used in the laboratory. Where adequate piping and exhaust blowers can be provided, we recommend the use of Down Draft Fume Hoods at the student's table. It is not feasible for the General Chemistry student to take all of his work to wall hoods. Where Down Draft Fume Hoods are used, we recommend that ample blower and piping capacity be provided to exhaust fumes. The Kemco Down Draft Fume Hood illustrated is a very efficient Down Draft Fume Hood that will efficiently remove fumes at high velocity with a minimum of cubic foot air removal. The hood is further provided with horizontal support rods which, used in connection with V clamps and small burrette rods, allow apparatus set ups to be made close to the front edge of the hood, thus improving fume removal and making ring stands or fixed burrette rods unnecessary for most apparatus set ups. No. D-818 General Chemistry table is identical with No. D-802 table as to drawer and cupboard arrangement and top and plumbing arrangement.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
8 drawers		8 7/8 in.	7 1/4 in.	13 in.
16 drawers		8 7/8 in.	7 1/4 in.	14 3/4 in.
24 cupboards		10 5/16 in.	19 3/4 in.	17 1/4 in.
1 stone sink	20 in.	12 in.		12 in.

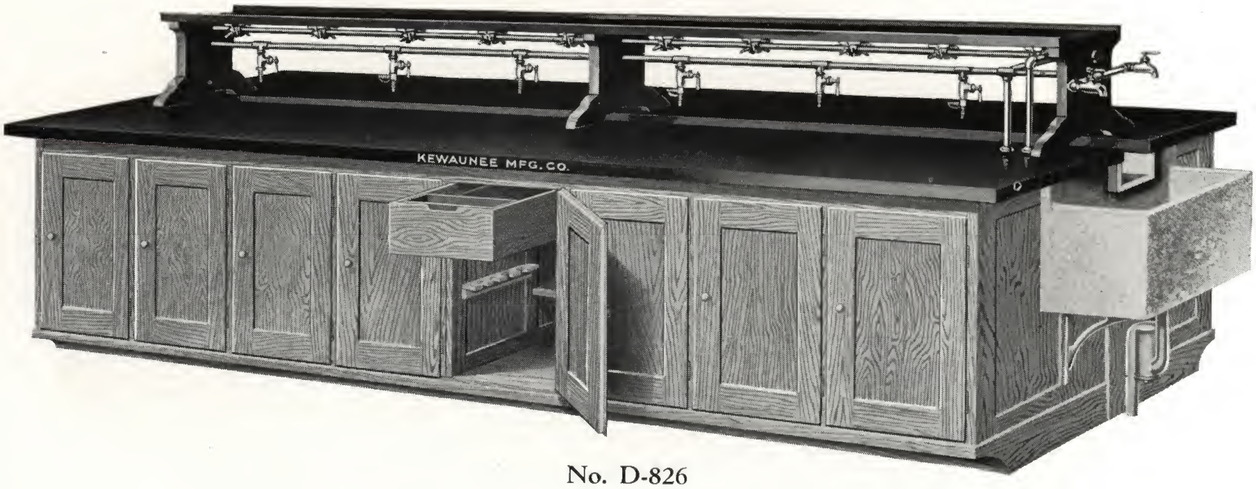
Construction—Oak body; birch top, black acid resisting finish. Lead lined trough. Stone sink at right end.

Finish—No. 1 or No. 2 Oak.

Fixtures—10 double gas cocks; 6 water cocks; 2 tray bibbs. All plumbing complete to floor line.

Weight crated—No. D-818—1530 lbs.; No. D-819—2130 lbs.; No. D-820—2330 lbs.; No. D-821—2840 lbs.; No. D-822—2540 lbs.; No. D-823—3407 lbs.

No. D-818—12 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-819—12 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.
No. D-820—15 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-821—15 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.
No. D-822—18 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-823—18 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.



No. D-826

No. D-826 QUALITATIVE ANALYSIS TABLE

While the Qualitative Analysis class is usually very large, the amount of individual apparatus which must be accommodated in each student's drawer and cupboard is greater than is the case in General Chemistry, and the Qualitative Analysis table above provides sixteen cupboards and drawers approximately 18 inches wide. The drawer is set behind the cupboard door and only one lock is required to lock both. The table is provided with 6 straight way water stops leading into the trough at intervals of 2 ft. along the top and ten double gas hose cocks are provided. The continuous lead lined trough drains into the stone end sink. A sliding tray is provided in the drawer to accommodate the small pieces of apparatus, and a funnel and thistle tube rack is fastened to the side of the cupboard, which is equipped with a half depth fixed shelf. This table provides six square feet of working surface for each student and accommodates two sections of eight students each.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
16 drawers		13 in.	5¼ in.	13 in.
16 cupboards		15⅞ in.	22¼ in.	21 in.
1 stone sink	20 in.	12 in.		12 in.

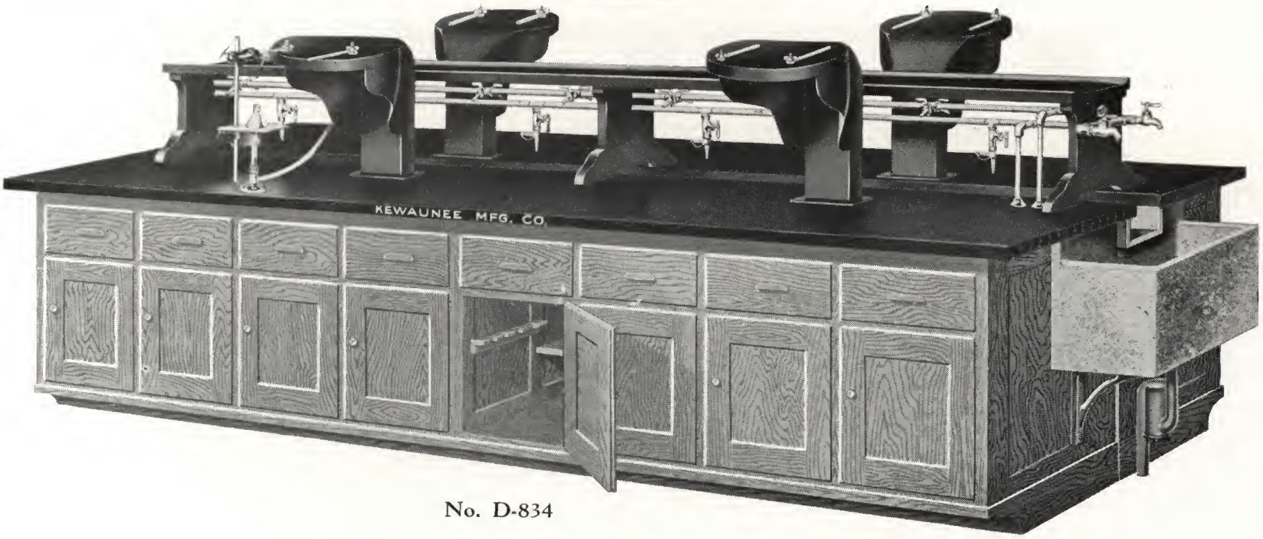
Construction—Oak body; birch top, black acid resisting finish. Lead lined trough. Stone sink at right end.

Finish—No. 1 or No. 2 Oak.

Fixtures—10 double gas cocks; 6 water cocks; 2 tray bibbs. All plumbing complete to floor line.

Weight crated—No. D-826—1000 lbs.; No. D-827—1500 lbs.; No. D-828—1670 lbs.; No. D-829—2295 lbs.; No. D-830—2380 lbs.; No. D-831—3145 lbs.

No. D-826—12 ft. long, wood top, masterkeyed locks on all doors.
No. D-827—12 ft. long, soapstone top, masterkeyed locks on all doors.
No. D-828—15 ft. long, wood top, masterkeyed locks on all doors.
No. D-829—15 ft. long, soapstone top, masterkeyed locks on all doors.
No. D-830—18 ft. long, wood top, masterkeyed locks on all doors.
No. D-831—18 ft. long, soapstone top, masterkeyed locks on all doors.



No. D-834

No. D-834 QUALITATIVE ANALYSIS TABLE

The constant use of poisonous and disagreeable hydrogen sulphide gases and the large amount of evaporation work carried on by the Qualitative Analysis student make a Down Draft Fume Hood very desirable on the Qualitative Analysis table. Where sufficient air removal can be provided to properly exhaust these gases through Down Draft Fume Hoods, we recommend their use. No. D-834 table accommodates two sections of eight students each with individual locked drawer and cupboard, each student's drawer and cupboard being furnished with locks keyed alike, and the top and plumbing arrangement is identical with No. D-826 table illustrated on the opposite page. The drawer and cupboard also accommodate the same apparatus.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
16 Drawers		14⅜ in.	5¼ in.	14 in.
16 Cupboards		15⅞ in.	21¾ in.	17¼ in.
1 Stone Sink	20 in.	12 in.		12 in.

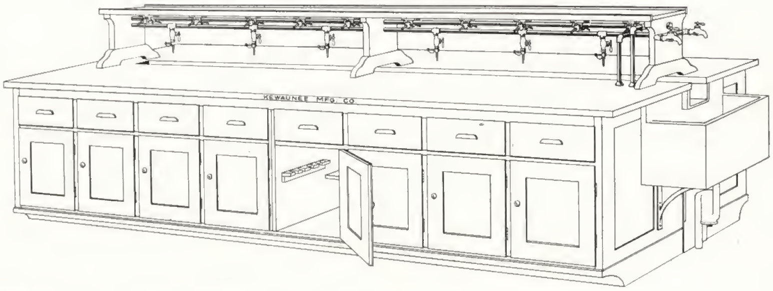
Construction—Oak body; birch top, black acid resisting finish. Lead lined trough. Stone sink at right end.
Finish—No. 1 or No. 2 Oak.
Fixtures—10 double gas cocks; 6 water cocks; 2 tray bibbs
All plumbing complete to floor line.

Weight crated—No. D-834, 1,140 lbs.; No. D-835, 1,640 lbs.; No. D-836, 1,810 lbs.; No. D-837, 2,445 lbs.; No. D-838, 2,380 lbs.; No. D-839, 3,520 lbs.

No. D-834—12 ft. long, wood top, masterkeyed locks on all drawers and cupboards.
No. D-835—12 ft. long, soapstone top, masterkeyed locks on all drawers and cupboards.
No. D-836—15 ft. long, wood top, masterkeyed locks on all drawers and cupboards.
No. D-837—15 ft. long, soapstone top, masterkeyed locks on all drawers and cupboards.
No. D-838—18 ft. long, wood top, masterkeyed locks on all drawers and cupboards.
No. D-839—18 ft. long, soapstone top, masterkeyed locks on all drawers and cupboards.

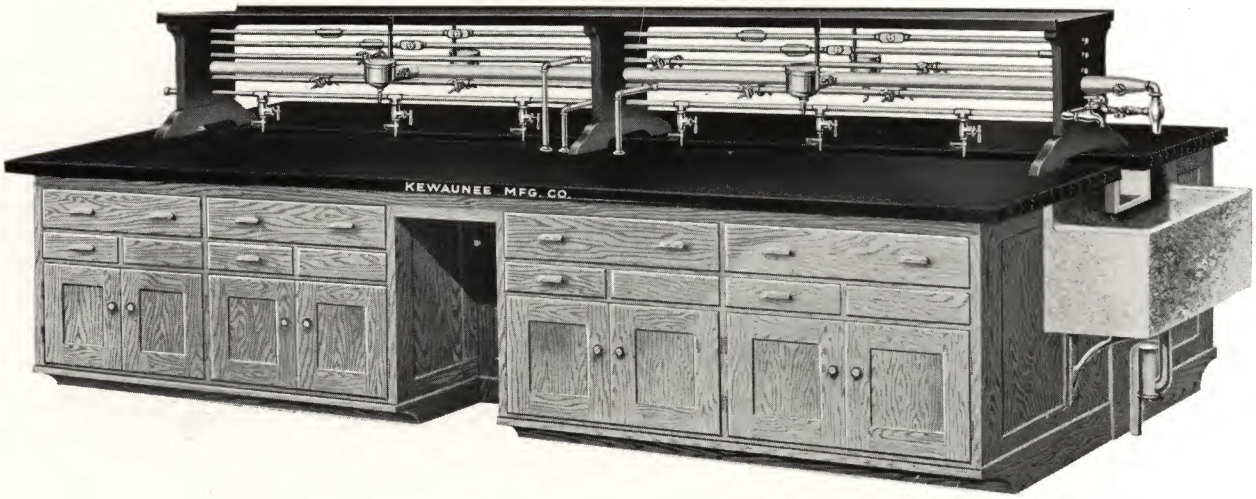
No. D-841 QUALITATIVE ANALYSIS TABLE

This table is identical with D-834 table illustrated above except that the Down Draft Fume Hoods are omitted.



Weight crated—No. D-841, 1,000 lbs.; No. D-842, 1,500 lbs.; No. D-843, 1,670 lbs.; No. D-844, 2,295 lbs.; No. D-845, 2,380 lbs.; No. D-846, 3,145 lbs.

No. D-841—12 ft. long, wood top, masterkeyed locks on all drawers and cupboards.
No. D-842—12 ft. long, soapstone top, masterkeyed locks on all drawers and cupboards.
No. D-843—15 ft. long, wood top, masterkeyed locks on all drawers and cupboards.
No. D-844—15 ft. long, soapstone top, masterkeyed locks on all drawers and cupboards.
No. D-845—18 ft. long, wood top, masterkeyed locks on all drawers and cupboards.
No. D-846—18 ft. long, soapstone top, masterkeyed locks on all drawers and cupboards.



No. D-849

No. D-849 ORGANIC CHEMISTRY TABLE

The Organic Chemistry student uses the largest number of pieces of apparatus found in any basic course and his locker must be built in proportion. The above table provides a three foot wide locker and in addition each student has one three foot wide drawer and one long condenser drawer running clear through table which provides storage space that will accommodate apparatus up to 40 inches in length. Since six running feet of table top are usually required for the Organic Chemistry student in order to accommodate the use of large condensers, flasks and beakers, this table will provide splendid accommodations for two sections of four students each. The recess in the center makes the waste jar available to both students and still keeps it out of the way. An individual student steam bath or cone is provided at each student's working space, and is equipped with five porcelain concentric rings and one porcelain cover. A steam mixing valve at the end of the table supplies hot water over the end sink and two tray bibbs supply the sink with cold water. Straight way water cocks at intervals of two feet along the length of the table are equipped alternately with filter pumps and hose nipples. AC and DC electrical outlets are also carried in reagent rack and one AC and one DC outlet is available at each student's position. Two gas hose cocks and two compressed air hose cocks are also available to each student. This design takes care of every table requirement of the complete Organic laboratory.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
8 Drawers		27½ in.	5⅞ in.	14¾ in.
8 Drawers		12½ in.	2¾ in.	39½ in.
8 Cupboards		29 in.	17¼ in.	21 in.
1 Stone Sink	20 in.	12 in.		12 in.

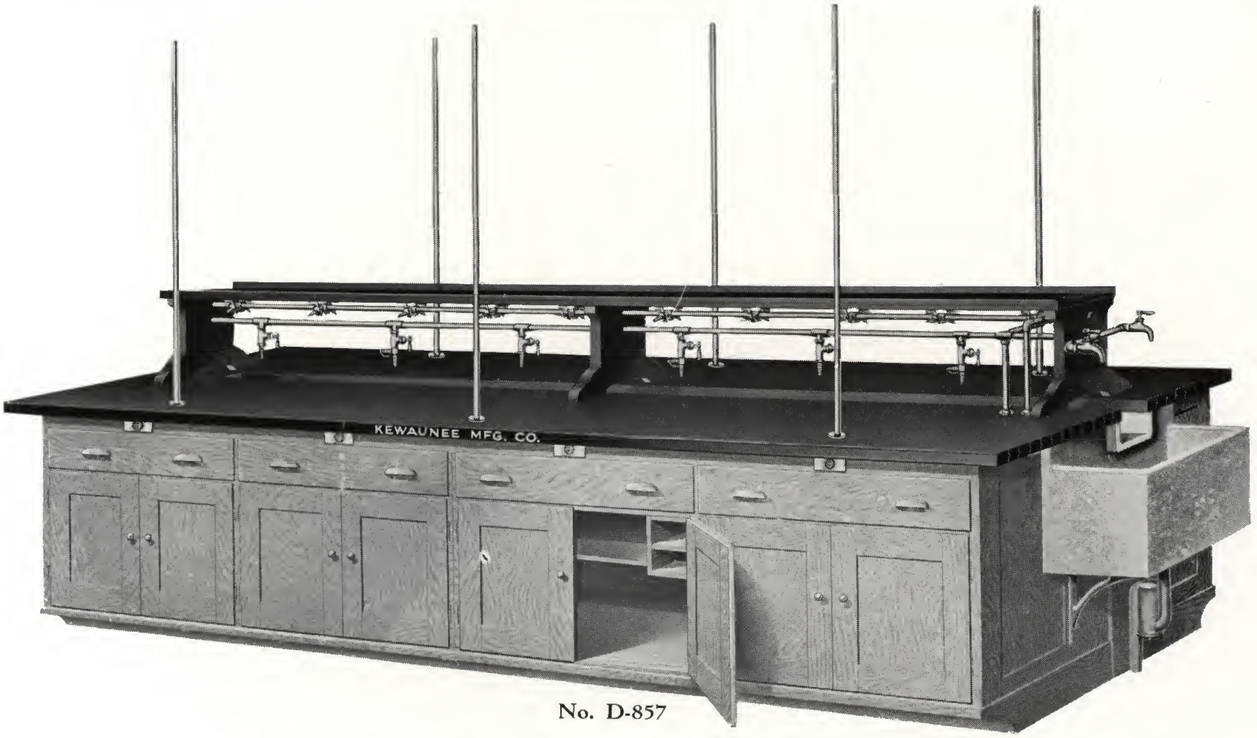
Construction—Oak body; birch top, black acid resisting finish. Lead lined trough. Stone sink at right end.

Finish—No. 1 or No. 2 Oak.

Fixtures—6 straight way water cocks; 2 tray bibbs; 4 double long spout gas cocks; 4 steam baths; 1 steam mixing valve; 4 double long spout air cocks, 4 single electric AC receptacles and plugs; 4 single DC receptacles and plugs; 3 filter pumps.

Weight crated—No. D-849, 1,780 lbs.; No. D-850, 2,200 lbs.; No. D-851, 2,550 lbs.; No. D-852, 3,315 lbs.; No. D-853, 3,560 lbs.; No. D-854, 4,560 lbs.

No. D-849—12 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-850—12 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.
No. D-851—18 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-852—18 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.
No. D-853—24 ft. long, wood top, two end sinks, masterkeyed locks on drawers and cupboards.
No. D-854—24 ft. long, soapstone top, two end sinks, masterkeyed locks on drawers and cupboards.



No. D-857

No. D-857 ORGANIC CHEMISTRY TABLE

Where very wide isles are not available for the opening of the long condenser drawer, this design of table will solve the problem of storing condensers and long apparatus in a manner very economical in both space and cost. Each student's cupboard is provided with a condenser rack which runs across the width of the entire table and allows condensers and apparatus having a length up to 40 inches to be stored. The end of the alternate condenser racks in each cupboard is closed off six inches in from the opening, so that only the student using each rack has access to its contents. A half depth shelf is provided in each cupboard and the three foot drawer and three foot cupboard accommodate all of the numerous items ordinarily included in the Organic Chemistry student's kit. The table is designed to accommodate two sections of four students each providing each student with approximately twelve square feet of working surface on the top. The plumbing equipment shown here is less elaborate than that shown on the preceding page and consists of ten double gas hose cocks and six straight way water stops over trough which are alternately equipped with hose connections and filter pumps. End sink is supplied with cold water by two tray bibbs. AC and DC electrical outlets are provided in the table rail underneath the top and one AC and one DC outlet is provided at each student's position. The table can be equipped with 4½ foot long upright rods as illustrated where a class in Physical Chemistry is to be accommodated, and the water, gas and electrical supply will adequately meet the needs of the Physical Chemistry class.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
8 Drawers		30⅞ in.	5¾ in.	14 in.
8 Cupboards		32⅜ in.	19½ in.	21 in.
1 Stone Sink	20 in.	12 in.		12 in.

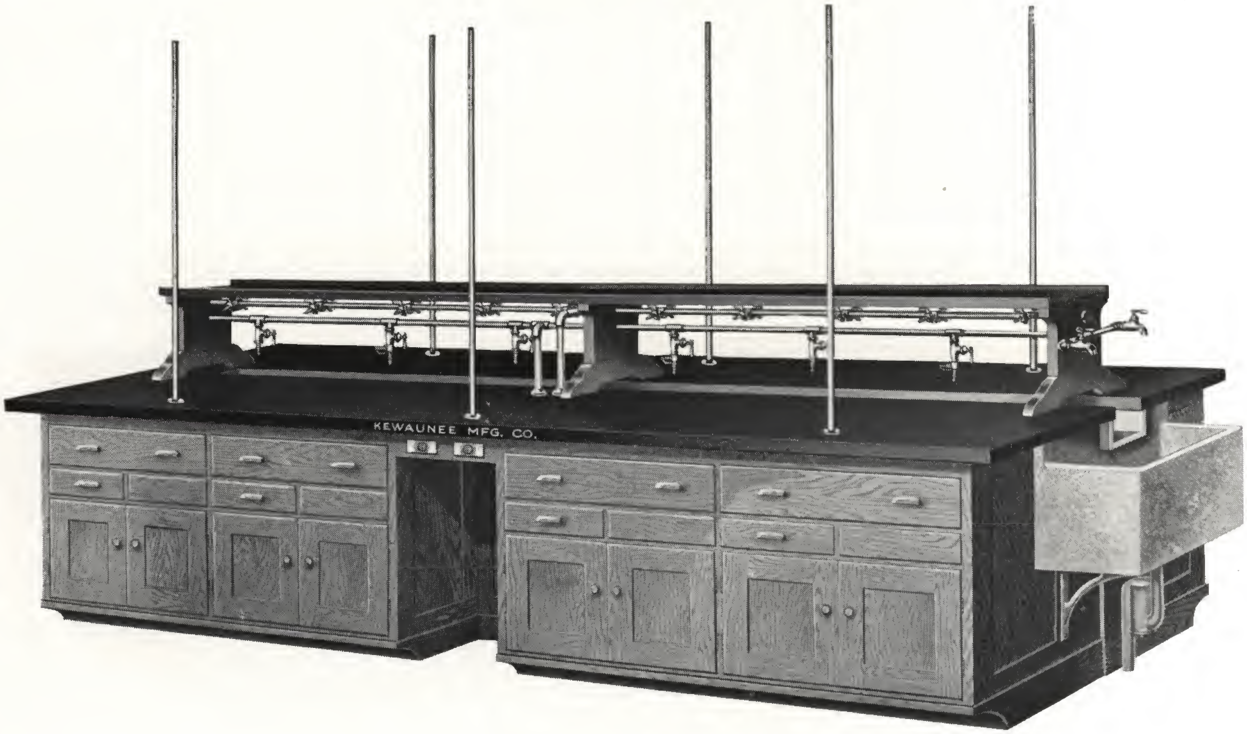
Construction—Oak body; birch top, black acid resisting finish. Lead lined trough. Stone sink at right end.

Finish—No. 1 or No. 2 Oak.

Fixtures—10 double long spout gas cocks; 6 straight way water cocks; 2 tray bibbs; 3 filter pumps; 4 AC receptacles and plugs; 4 DC receptacles and plugs.

Weight crated—No. D-857, 1,720 lbs.; No. D-858, 2,320 lbs.; No. D-859, 2,450 lbs.; No. D-860, 3,200 lbs.; No. D-861, 3,540 lbs.; No. D-862, 4,540 lbs.

No. D-857—12 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-858—12 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.
No. D-859—18 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-860—18 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.
No. D-861—24 ft. long, wood top, two end sinks, masterkeyed locks on drawers and cupboards.
No. D-862—24 ft. long, soapstone top, two end sinks, masterkeyed locks on drawers and cupboards.
Note: Add for upright support rods as illustrated.



No. D-865

No. D-865 ORGANIC CHEMISTRY TABLE

Combining the plumbing arrangement of No. D-857 table with the drawer and cupboard arrangement of No. D-849 table, this Organic Chemistry table will accommodate two sections of four students at one time. Where desired upright rods 4½ feet in length can be supplied to effect a combination that will allow a class of Physical Chemistry to use the laboratory in the small college. In this table one duplex AC and one duplex DC electrical outlets are supplied in rail of waste jar recess.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
8 drawers		27½ in.	5⅞ in.	14¾ in.
8 long drawers		12½ in.	2¾ in.	39½ in.
8 double cupboards		29 in.	17¼ in.	21 in.
1 stone sink	20 in.	12 in.		12 in.

Construction—Oak body; birch top, black acid resisting finish. Lead lined trough. Stone sink at right end.

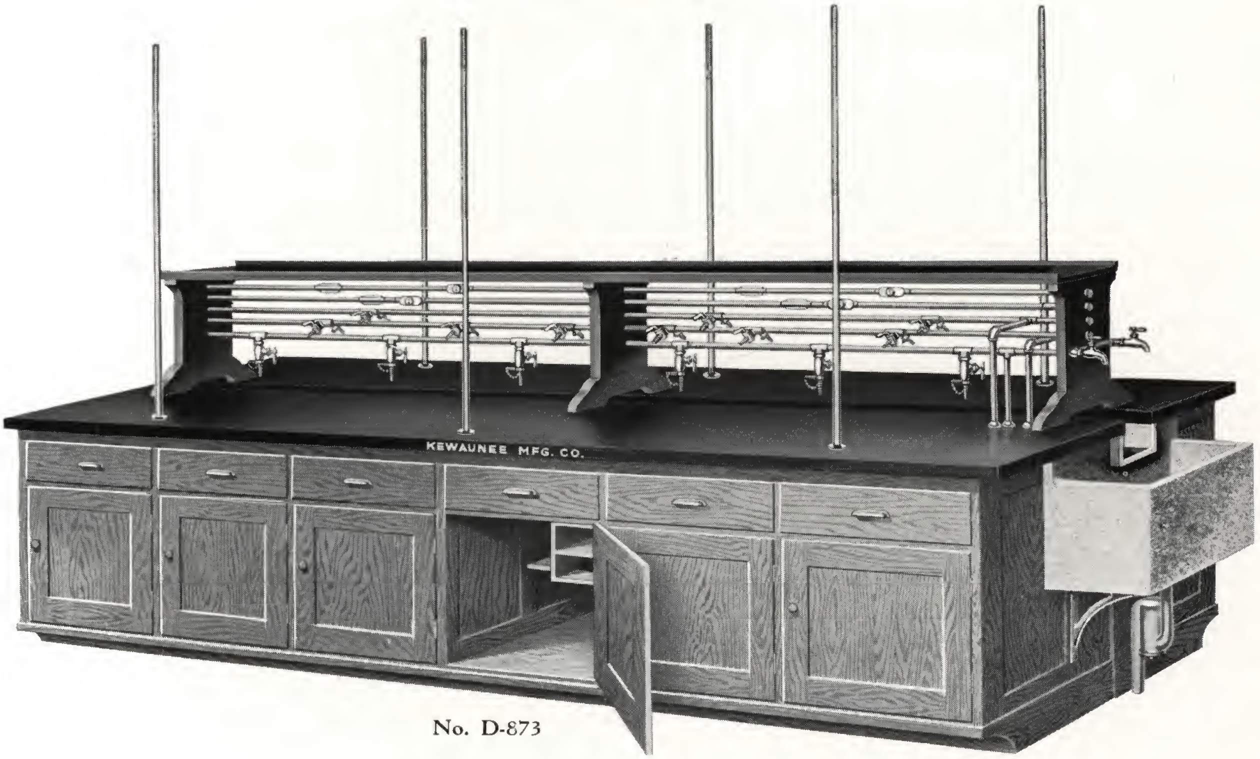
Finish—No. 1 or No. 2 Oak.

Fixtures—10 double long spout gas cocks; 6 straight way water cocks; 2 tray bibbs; 3 filter pumps; 2 duplex AC receptacles and plugs; 2 duplex DC receptacles and plugs.

Weight crated—No. D-865, 1,730 lbs.; No. D-866, 2,330 lbs.; No. D-867, 2,460 lbs.; No. D-868, 3,210 lbs.; No. D-869, 3,550 lbs.; No. D-870, 4,550 lbs.

No. D-865—12 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-866—12 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.
No. D-867—18 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-868—18 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.
No. D-869—24 ft. long, wood top, two end sinks, masterkeyed locks on drawers and cupboards.
No. D-870—24 ft. long, soapstone top, two end sinks, masterkeyed locks on drawers and cupboards.

Note: Add for upright support rods as illustrated.



No. D-873

No. D-873 QUANTITATIVE ANALYSIS CHEMISTRY TABLE

While all of the chemistry tables which we have designated as Organic Chemistry tables are equally suitable for Quantitative Analysis, it has been our experience that usually the kit of the Quantitative Analysis student can adequately be housed in a two foot wide drawer and cupboard, thus accommodating two additional students at the table. The table illustrated above accommodates two sections of six students each and provides eight square feet of table top for each student in a section. Upright rods 4½ feet long are furnished where desired, and are useful as supports for burettes as well as making it possible to use this type of table for laboratory work in Physical Chemistry. Each cupboard is provided with a long rack for burettes and pipettes and accommodates pieces of apparatus up to 32 inches in length. AC and DC electricity is carried in the reagent rack and one AC and one DC outlet is provided for each student and each student's working space is further provided with two gas hose cocks and one compressed air hose cock as well as with two straight way water stops equipped with filter pumps.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
12 Drawers		20 in.	5¾ in.	14 in.
12 Cupboards		$21\frac{7}{16}$ in.	21 in.	21 in.
1 Sink	20 in.	12 in.		12 in.

Construction—Oak body, birch top, black acid resisting finish. Lead lined trough, stone sink at right end.

Finish—No. 1 or No. 2 Oak.

Fixtures—6 straightway water cocks; 2 tray bibbs; 3 double compressed air cocks; 6 double long spout gas cocks; 6 single DC electric receptacles and plugs; 6 single electric AC receptacles and plugs; 6 filter pumps.

Weight crated—No. D-873, 1,770 lbs.; No. D-874, 2,370 lbs.; No. D-875, 2,500 lbs. No. D-876, 3,250 lbs.; No. D-877, 3,590 lbs.; No. D-878, 4,590 lbs.

No. D-873—12 ft. long, wood top, masterkeyed locks on drawers and cupboards.

No. D-874—12 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.

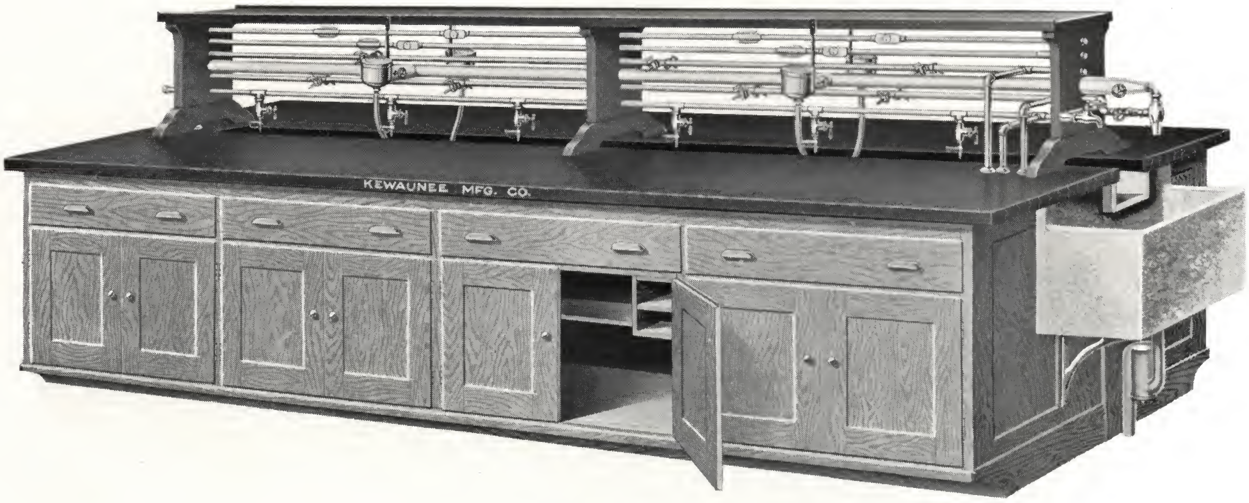
No. D-875—16 ft. long, wood top, masterkeyed locks on drawers and cupboards.

No. D-876—16 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.

No. D-877—20 ft. long, wood top, two end sinks, masterkeyed locks on drawers and cupboards.

No. D-878—20 ft. long, soapstone top, two end sinks, masterkeyed locks on drawers and cupboards.

Note: Add for upright support rods as illustrated.



No. D-880

No. D-880 ORGANIC OR QUANTITATIVE ANALYSIS CHEMISTRY TABLE

The drawer and cupboard accommodations of the table illustrated above are adapted to the use of either the Organic laboratory or the Quantitative laboratory where three foot drawers and cupboards are desired for the Quantitative student. The plumbing and electrical outlets furnished will meet the requirements of either laboratory and the long rack running through the table as provided in each cupboard will satisfactorily store all condensers or burettes and pipettes. The plumbing equipment consists of gas hose cocks, air hose cocks, straight way water cocks with filter pumps and a steam cone, all of which are provided at each student's working space, while a steam mixing valve provides hot water and two tray bibbs cold water over the end sink. AC and DC electrical outlets are provided at each student's working space and are carried in the reagent shelf.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
8 drawers		30⅞ in.	5¾ in.	14 in.
8 cupboards		32⅜ in.	19½ in.	21 in.
1 stone sink	20 in.	12 in.		12 in.

Construction—Oak body, birch top, black acid resisting finish. Lead lined trough, stone sink at right end.

Finish—No. 1 or No. 2 Oak.

Fixtures—6 straightway water cocks; 2 tray bibbs; 4 double long spout gas cocks; 4 steam baths; 1 steam mixing valve; 4 double long spout air cocks; 4 single AC receptacles and plugs; 4 single DC receptacles and plugs; 6 filter pumps.

Weight crated—No. D-880, 1,770 lbs.; No. D-881, 2,370 lbs.; No. D-882, 2,500 lbs.; No. D-883, 3,250 lbs; No. D-884, 3,590 lbs.; No. D-885, 4,590 lbs.

No. D-880—12 ft. long, wood top, masterkeyed locks on drawers and cupboards.

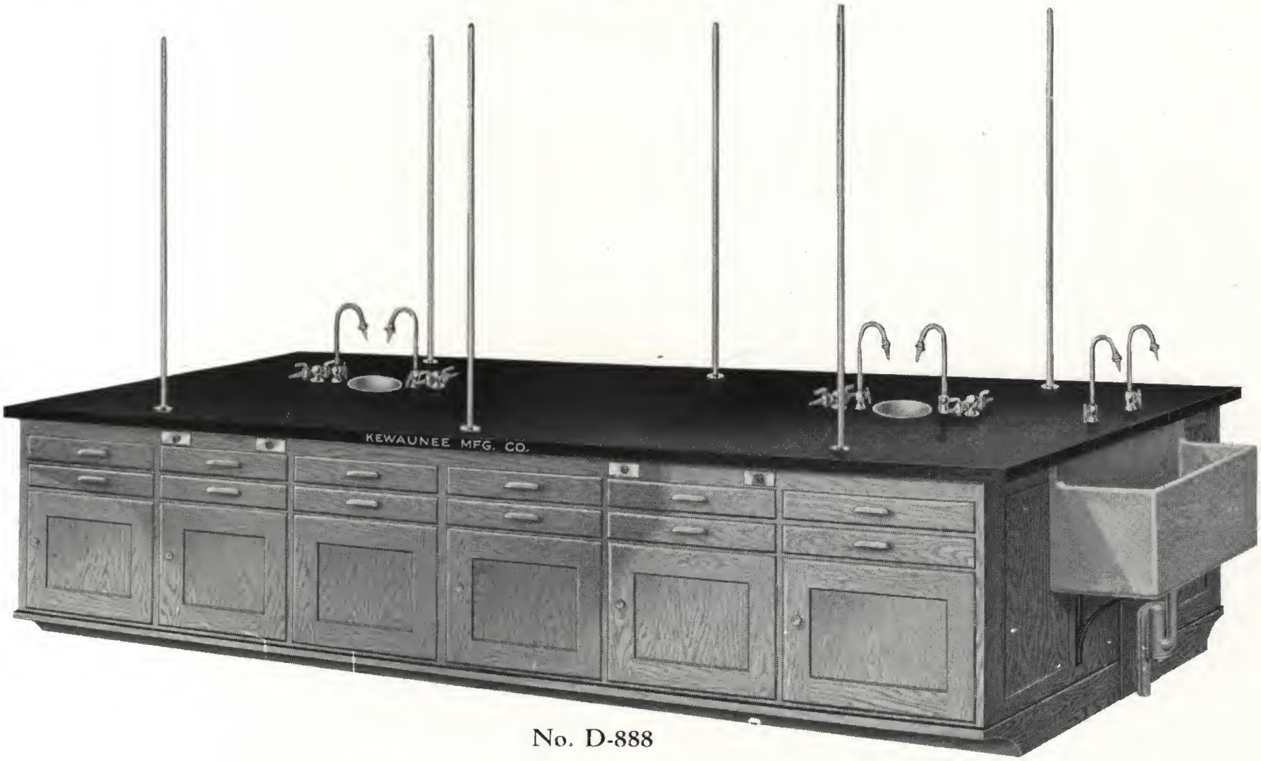
No. D-881—12 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.

No. D-882—18 ft. long, wood top, masterkeyed locks on drawers and cupboards.

No. D-883—18 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.

No. D-884—24 ft. long, wood top, two end sinks, masterkeyed locks on drawers and cupboards.

No. D-885—24 ft. long, soapstone top, two end sinks, masterkeyed locks on drawers and cupboards.



No. D-888

No. D-888 PHYSICAL CHEMISTRY TABLE

The Physical Chemistry table illustrated above has been designed with the view of having as little obstruction on the top as possible. Since a great deal of the Physical Chemistry apparatus is regularly housed in the stock room, the two foot wide cupboard and two drawers illustrated will provide ample storage space for each students individual apparatus. This table provides twelve square feet of table top for each student's working space and accommodates three sections of four students each. The vertical support rods illustrated are 4½ ft. long and are set in flush plates bolted into the table top. A hemispherical chemical lead sink is available to each student, and these sinks can be furnished in Duriron, Vitreous China or spun copper if desired. Water is supplied through two single pantry cocks at each sink and two single pantry cocks over the large end sink. Four double gas hose cocks provide gas at each student's position. Electrical service includes one AC and one DC electrical outlet in table rail at each student's working space and double AC and double DC outlets can be provided if desired.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	48 in.	36 in.	
24 drawers		20 in.	3¼ in.	16¾ in.
12 cupboards		21 7/16 in.	17⅜ in.	17¼ in.
1 stone sink	20 in.	12 in.		12 in.

Construction—Oak body, birch top, black acid resisting finish.

Finish—No. 1 or No. 2 Oak.

Fixtures—6 single pantry cocks; 4 double long spout gas cocks; 6 vertical nickel-plated rods with flush plates; 2 hemispherical chemical lead sinks 6 in. diameter; 4 single DC electric receptacles and plugs; 4 single AC receptacles and plugs.

Weight crated—No. D-888, 1,870 lbs.; No. D-889, 2,470 lbs.; No. 890, 2,600 lbs.; No. 891, 3,350 lbs; No. D-892, 3,490 lbs.; No. 893, 4,690 lbs.

No. D-888—12 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-889—12 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.
No. D-890—16 ft. long, wood top, masterkeyed locks on drawers and cupboards.
No. D-891—16 ft. long, soapstone top, masterkeyed locks on drawers and cupboards.
No. D-892—20 ft. long, wood top, two end sinks, masterkeyed locks on drawers and cupboards.
No. D-893—20 ft. long, soapstone top, two end sinks, masterkeyed locks on drawers and cupboards.

Laboratory Fume Removal

The importance of proper fume removal equipment is secondary to nothing else in the planning and equipping of the Chemical Laboratory. The success of the fume removal system in the science building is equally dependent on two factors—the Fume Hoods themselves, and the mechanical ventilation system installed to remove the fumes.

A consideration of what constitutes a desirable fume hood involves the following points:

First: The Fume Hood must be scientifically designed to prevent escape of fumes into the laboratory and must operate with as little interference to air flow as possible.

Secondly: It must be practical in dimension and design in order to offer the greatest possible convenience to the person using it.

Thirdly: It must be built of materials that will successfully withstand Chemical corrosion, which very quickly destroys hoods built of improper materials.

No complete line of properly designed fume hoods for all laboratory purposes has ever been previously shown, and we feel that the very complete line of fume hoods of all types that will be found illustrated and described in the following pages will prove of considerable interest to any one desirous of obtaining modern fume removal equipment.

There are many occasions where the installation of Down Draft Fume Hoods on students or research Chemistry Tables provides a much needed convenience, and the following pages illustrate three distinct types of Down Draft Fume Hoods. The detriment to the general use of Down Draft Fume Hoods in the past has been the inefficiency of the Down Draft Hoods and the intricate Fume Duct Systems that must be installed to connect the individual Down Draft Hoods with the blowers. The Down Draft Fume Hoods that we present herewith, have all been designed with a view of combining the maximum fume removal with the minimum of cubic foot air removal. We have achieved this desired result by designing hoods that allow apparatus set ups to be so made that fumes are generated within, or close to the hood, thus making necessary the removal of only comparatively small quantities of air at high velocity in order to efficiently remove all fumes.

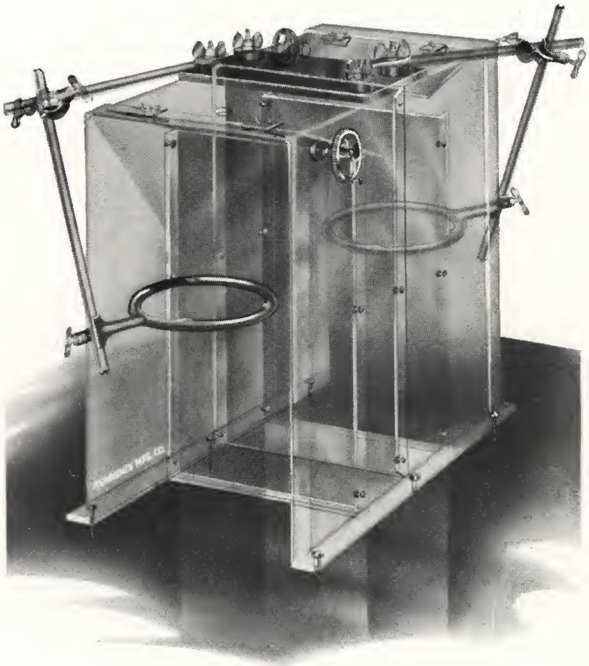
An efficient Down Draft Fume Hood installation depends largely on suitable fume duct installations that will develop a minimum of friction loss, and requires the correct type and size of mechanical blower. Our engineering department will be glad to co-operate in solving this problem.

The use of Wall Type Fume Hoods is divided between the open front type of fume hood commonly designated as the "Cornell Type Hoods," and the lifting sash or closed front type of fume hood. Both types of hoods in various styles are illustrated and fully described on the following pages. Mechanical ventilation duct systems must be handled differently in different types of buildings, and sometimes exposed vent piping requires that hoods be furnished with top outlets, while in other cases, all vent piping is carried in walls and vent outlets are provided behind hoods, thus requiring a back outlet. Hoods to meet both these conditions are shown.

There is a wide difference in opinion as to the proper material to use in the construction of chemical fume hoods, and the Kewaunee line of hoods includes hoods manufactured from Soapstone, Transite Asbestos, Combinations of Transite and Wood, and Combinations of Soapstone and Wood. This wide range of materials will allow you to select a standard Kewaunee Hood to meet any given corrosion resistance problem. All exposed iron, and other metals easily corroded in the laboratory, are eliminated from Kewaunee Hoods and, in illustration of the care with which these hoods are designed to withstand corrosion, we point to the construction, of our lifting sash, counter balanced by weights running concealed in weight boxes and carried by monel metal cable running over wood pulleys.

We believe that practically any fume removal problem can be successfully met with the use of one or more of the Kewaunee standard Fume Hoods shown and where necessary our engineering department will be glad to develop modifications to meet individual requirements.

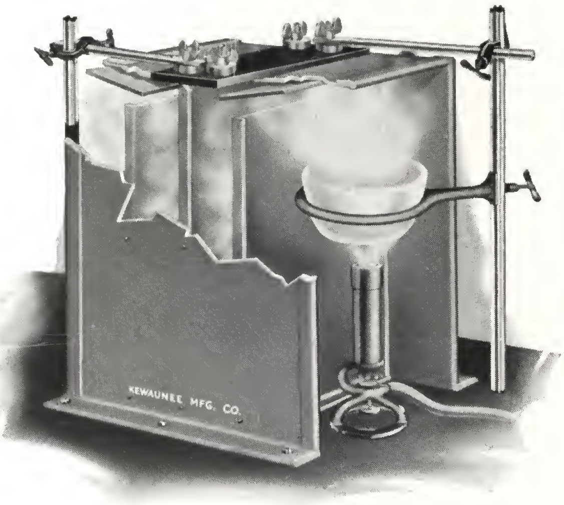
THE SHEEL DOWN DRAFT FUME HOOD



Phantom View of Two-Way Hood.
(Fig. 1)

Proper and adequate ventilation of chemical laboratories has in the past been restricted almost entirely to the laboratory having adequate funds available for the installation of large and expensive duct systems and blowers. Fume ventilation was attained by removing very large quantities of air from the laboratory and replacing the fume laden air with clean fresh air. Generally speaking, the degree of success achieved in removing the fumes increased directly in proportion with the number of times the air in the laboratory was replaced each hour.

This method of adequately ventilating a laboratory was necessarily expensive, because it entailed, first: The installation of very expensive fume removal equipment. Secondly: High power cost in operating this equipment. Thirdly: (And in some sections of the country most important of all) because every cubic foot of air removed from the laboratory must be replaced with heated air at a considerable increase in fuel costs. Except in the case of the laboratory specifically designed to meet this problem, the removal of large quantities of air from the laboratory also interferes with the regular heating and ventilating systems in the building.



(Fig. 2)
Illustration Shows Air Ducts.

In the development of the Sheel Down Draft Fume Hood, the following requirements were decided upon as being essential to the success of a down draft fume removal system:

FIRST: It must operate successfully on the minimum of air removal.

SECOND: It must be simply constructed in such manner that there are few or no working parts to wear or get out of order.

THIRD: It must be durably built and must withstand chemical corrosion in use.

FOURTH: It must be of a size and design that will allow it to be used efficiently on all types of laboratory tables.

FIFTH: It must have a reasonable first cost.

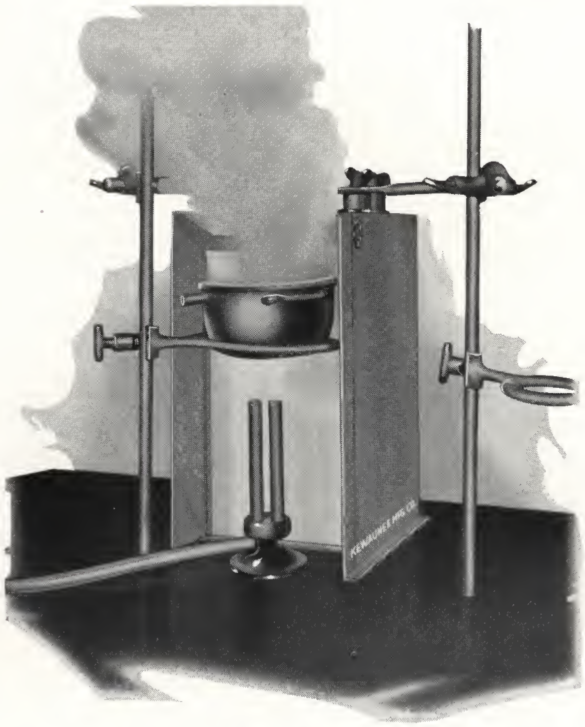


Illustration 3

This is a photograph showing the action of escaping fumes when draft is closed and the hood is not in operation.

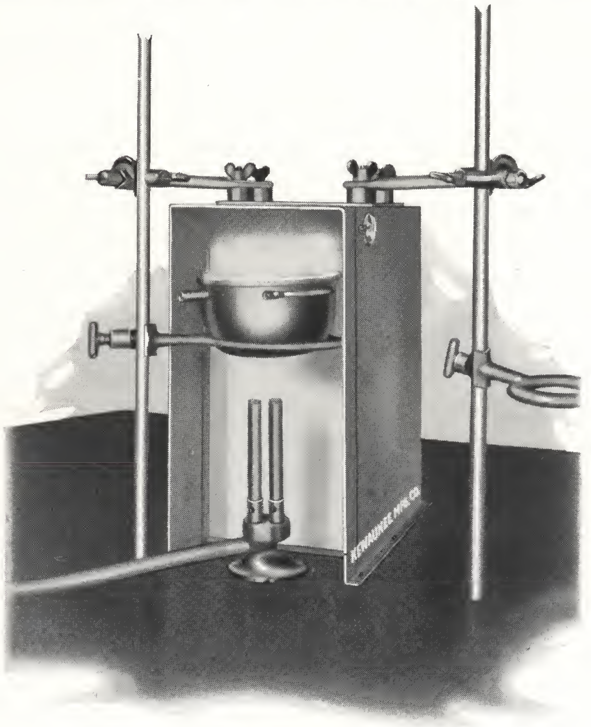


Illustration 4

This is a photograph of the same hood in operation, taken a moment later. You will note the effective manner in which the fumes are disposed of.

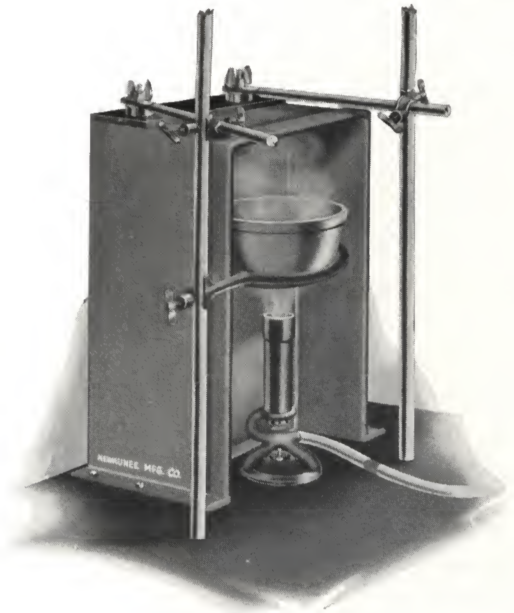
1—Efficient

In developing a down draft fume hood which would meet the first requirement, Prof. Sheel determined that the hood would have to be so arranged that evaporations and other experiments could be conducted very close to or within the hood, thus eliminating the necessity for removing air from a large area in order to withdraw the fumes and gases generated. The Sheel hood is so designed that fumes and gases are withdrawn through the hood before they have an opportunity of mixing with any quantity of air. Bringing the apparatus set-ups close to the hood was made possible by the use of adjustable clamps and support rods, which are a part of the hood itself and which allow evaporating dishes and other apparatus to be set up, actually within the hood opening. (See Fig. 2)

It was also necessary that the hood be equipped with a readily usable damper control that would allow an accurate regulation of the amount of air removed through the hood to meet varying requirements. The Sheel hood is equipped with a damper readily accessible to the user and controlled by an eccentric cam mounted on a wheel handle. (See Phantom View, Fig. 1) The air flow through the hood, can, by the use of the damper, be cut down to the minimum amount of air necessary to remove fumes created by any particular experiment.

2—Simple

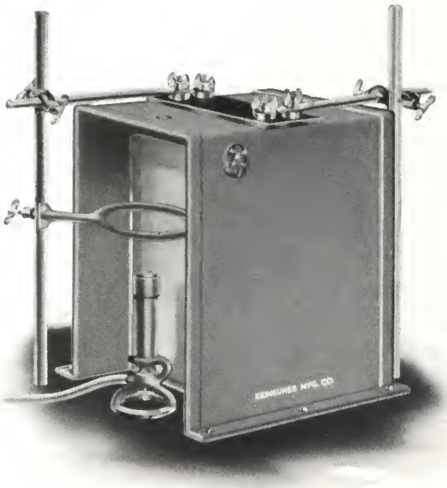
A study of the phantom view of the hood (Fig. 1) and cut-away view (Fig.2) will disclose at once the simplicity of the Sheel hood and the absence of any complicated or delicate parts that might get out of order through student use. The hood proper consists of two fume chambers, one of which ventilates each side or opening independently of the other, and one damper into each fume compartment, and its eccentric cam control and wheel handle. In addition each hood opening is provided with fully adjustable support rods and clamps as illustrated in Figs. 1 and 2. The thumb nuts shown on top of the hood are riveted into place and cannot be removed.



No. D-905 ONE WAY HOOD

Used on tables where work is done from one side only.

	Width	Depth	Height
Size	6½ in.	6 in.	13 in.



No. D-910 TWO WAY HOOD

Used on double tables where work is done from both sides.

	Width	Depth	Height
Size	6½ in.	12 in.	13 in.

3—Durable

In meeting the third requirement, terneplate, heavily lead coated, was selected as the most suitable metal from which to construct the hoods, and this terneplate was heavily coated throughout with Gilsonite asphaltum chemical resistant paint. All hardware is brass, either triple nickel or chromium plated, as desired. The hood can be readily and inexpensively refinished with Gilsonite asphaltum should it become necessary.

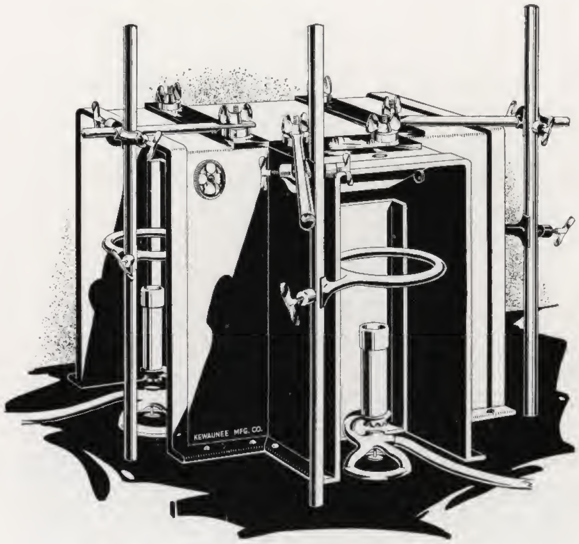
4—Compact

The fourth requirement is amply met in the Sheel Down Draft Fume Hood. The total overall size of the single or one-way hood is only 6½ inches wide by 6 inches deep by 13 inches high, and the hood uses a rectangular flue only 2 inches wide and 6 inches long. The double or two-way hood measures only 6½ inches in width, by 12 inches in depth and 13 inches in height, and requires a rectangular flue only 4 inches in width by 6 inches in length. Because of their small size and the small sizes of vents required, either of these hoods can be installed conveniently and used effectively on almost any type of laboratory desk or table.

5—Inexpensive

An extremely low first cost has been made possible in the Sheel Hood by its standardization into four sizes, and a consequent large and efficient production, and, the fifth requirement has been fulfilled by the establishment of a price that makes the use of the Sheel Hood possible in every laboratory.

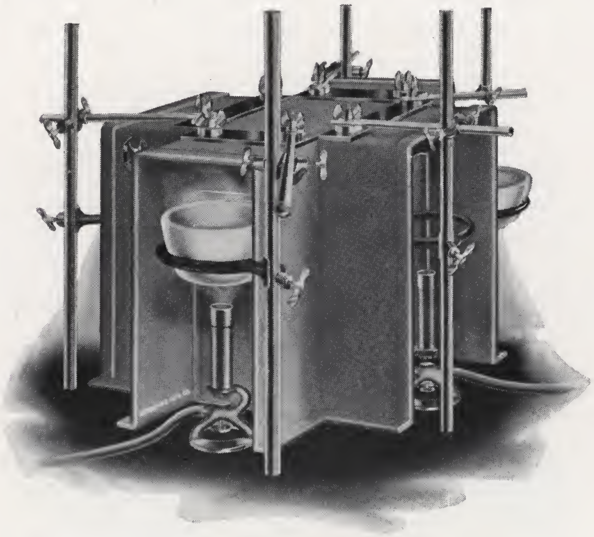
No. D-905— 6½ in. wide, 6 in. deep, 13 in. high.
No. D-906— 8 in. wide, 6 in. deep, 18 in. high.
No. D-907—12 in. wide, 6 in. deep, 20 in. high.
No. D-910— 6½ in. wide, 12 in. deep, 13 in. high.
No. D-911— 8 in. wide, 12 in. deep, 18 in. high.
No. D-912—12 in. wide, 12 in. deep, 20 in. high.
No. D-915—14½ in. wide, 10½ in. deep, 13 in. high.
No. D-916—17½ in. wide, 12 in. deep, 18 in. high.
No. D-920—14½ in. wide, 14½ in. deep, 13 in. high.
No. D-921—17½ in. wide, 17½ in. deep, 18 in. high.



No. D-915 THREE WAY HOOD

Will be found most convenient on the instructor's desk where more than one experiment is being carried on at the same time.

	Width	Depth	Height
Size	14½ in.	10½ in.	13 in.



No. D-920 FOUR WAY HOOD

Can be used to great advantage where several students are working or different experiments are being carried on, at the same time.

	Width	Depth	Height
Size	14½ in.	14½ in.	13 in.

INSTALLATION OF SHEEL DOWN DRAFT FUME HOODS

The ventilation pipe system required in connection with the Sheel Down Draft Fume hood is as follows:

Each hood is connected with a rectangular flue set into the table top upon which the hood is mounted coinciding with the fume chambers in the hood. These rectangular flues vary in size depending on the style of down draft hood used, and roughing-in plan showing correct size of flue for type of hood purchased will be furnished with the hood. These vertical flues connect the down draft fume hood to horizontal flue duct in floor which runs to wall and in turn connects to mechanical blower, which, where possible, is mounted in the attic.

In those cases where hood installation is made in other than a new building, it is sometimes impossible to lay ventilating pipes in floors and walls and in these cases it may be suspended on the ceiling beneath the laboratory and carried exposed on walls.

The success of the down draft fume hood installation is dependent almost entirely on the correct installation of the proper size of the flue piping and on the use of the proper size and kind of mechanical blower.

Our engineering department will be glad to develop mechanical ventilation layouts showing the proper installation of piping, together with recommendations covering the proper kind and size of blower, upon receipt of floor plans and other data showing building conditions, number and kinds of hoods to be ventilated and their location in the laboratory. This service is without cost.

Hoods include horizontal adjustable support rods as shown, but do not include vertical support rods or clamps or ring clamps. These are standard pieces of laboratory apparatus, but can be furnished complete with hoods if desired.

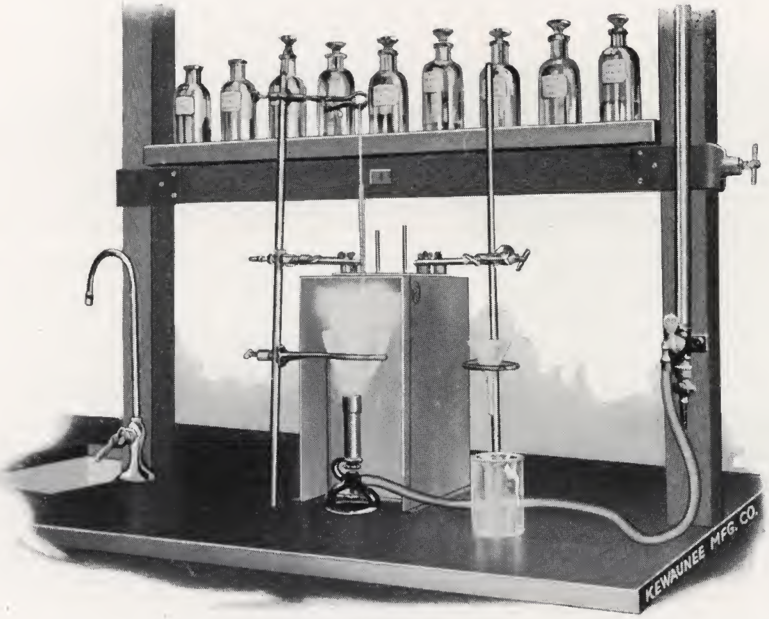


Illustration No. 9

The above illustration shows one support rod being used to support an evaporating dish, while the other support rod is shown as used in a filtration. Illustration also shows a thermometer suspended from a support rod down through opening in the top of the hood provided for this purpose. Temperature of anything being heated can be secured in this manner.

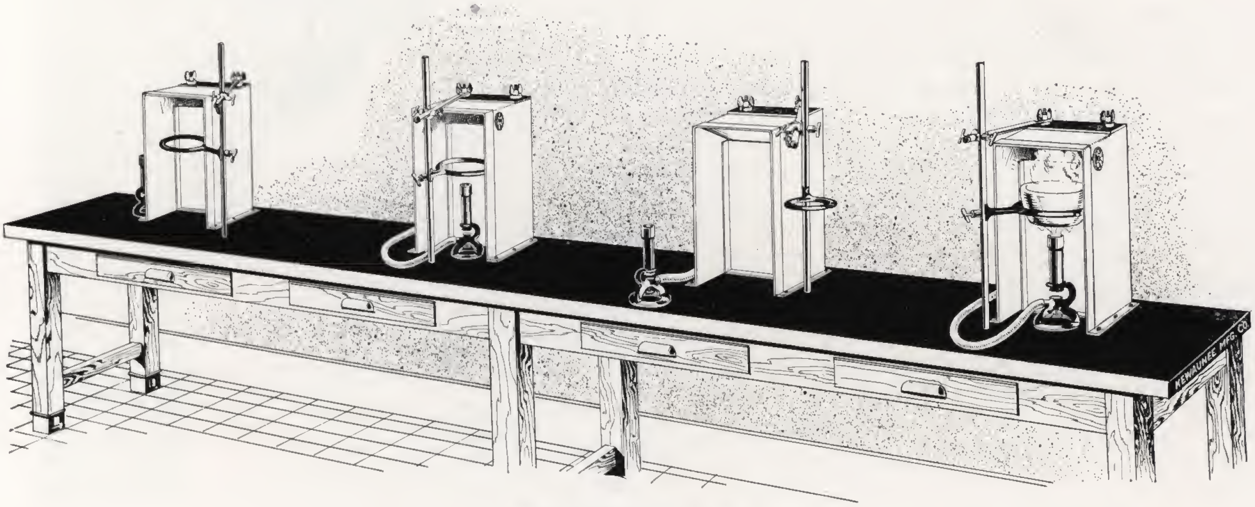
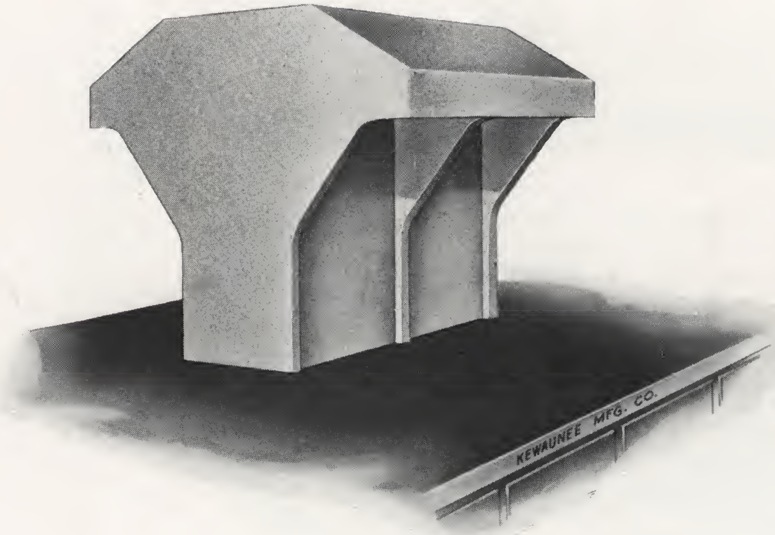

KEWAUNEE MFG. CO.

Illustration No. 10

This illustration shows a wall type table equipped with individual Sheel One-way Down Draft Fume Hoods.

All models of the Sheel Down Draft Fume Hoods are fully patented.



No. D-925

No. D-925 SOAPSTONE DOWN DRAFT HOOD

Because of their resistance to chemical corrosion, soapstone Down Draft Fume Hoods are frequently used in college Chemistry laboratories. The hood illustrated is very effective and convenient, and the material effectively controls corrosion.

	Length	Width	Height
Size	28 in.	22 in.	26 in.
Fume Duct	12 in.	2 in.	

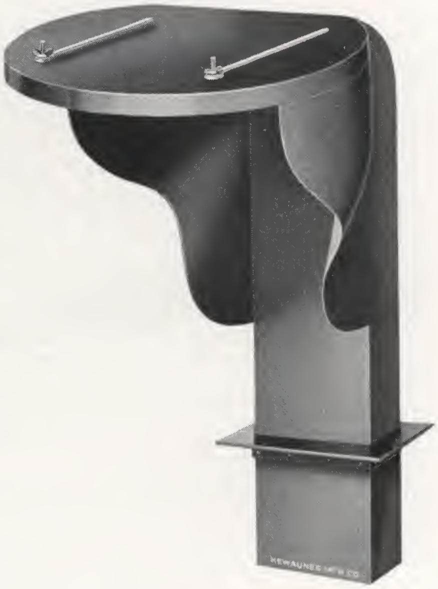
No. D-925—Soapstone Fume Hood as illustrated.

No. D-930 UNIVERSITY TYPE DOWN DRAFT FUME HOOD

College Chemistry makes the Down Draft Fume Hood a very valuable adjunct to the student's table in some courses, but the hood used in college Chemistry must be of sufficient size to allow a considerable volume of air at high velocity to be removed. The wings of this hood have been developed to eliminate interference from cross drafts to the greatest extent possible, and the air is removed through a periphery opening around the entire inside edge of the top of the hood. The size of this opening is graduated from the back to the front, insuring uniform withdrawal of air at all points around the periphery opening, and the hood is provided further with two swivel support rods the use of which is illustrated in connection with the Sheel hoods on the preceding page, which will allow apparatus setups to be made directly under the hood. These hoods are regularly constructed of heavy terne plate painted inside and out with acid resisting paint, but may also be had if desired in copper, monel metal or alcumite.

	Length	Width	Height
Size	18 in.	19⅝ in.	20 in.
Fume Duct	6 in.	2 in.	

No. D-930—Kemco Down Draft hood as illustrated.
No. D-931—Kemco Double Down Draft fume hood.



No. D-930

MECHANICAL VENTILATION

The Planning and installation of adequate but economical ventilation systems in laboratories is frequently a stumbling block. Very large air resistances are built up by the piping systems, which must be installed in numerous laboratories in the science building, and this particularly holds true where Down Draft individual table hoods are used.

We recommend that fume removal and mechanical ventilation problems be submitted to our engineering department for suggestions, and mechanical ventilation layouts, early during the planning of the science building. Many economies can be effected by giving this problem the most careful consideration and the importance of proper mechanical ventilation in the laboratory makes a proper installation essential.

Two types of direct connected motor driven blowers are illustrated in the following pages.

The P type of blower is a pressure type designed to remove large quantities of air at high static pressures and in locations where noise is not objectionable. Such blowers are usually installed in the attic or some other suitable location outside the laboratory. The P type blower uses a pressure type wheel.

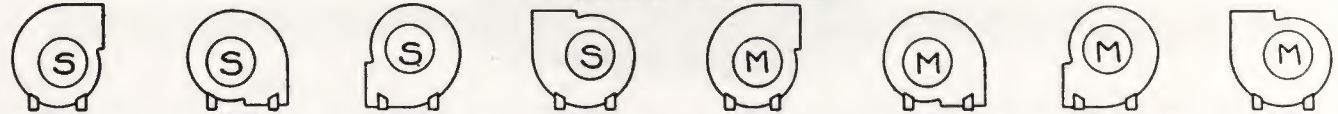
The B type of blowers are volume blowers which are very quiet running and are used where small volumes of air at low static pressures are to be removed. The multiblade wheel is used in this type of blower.

The tables carried on the following pages give the principle dimensions of each type of blower in its various sizes, and the tables of capacity for each type of blower show approximate cubic feet per minute removal under varying static pressures.

A request addressed to our main office at Kewaunee, Wisconsin, accompanied by a floor plan layout showing roughly the location and number of fume hoods in the laboratory, will be all the information our engineering department will require to prepare mechanical ventilation layouts that will include pipe sizes and blower sizes necessary to properly ventilate your laboratory in the most economical manner possible.

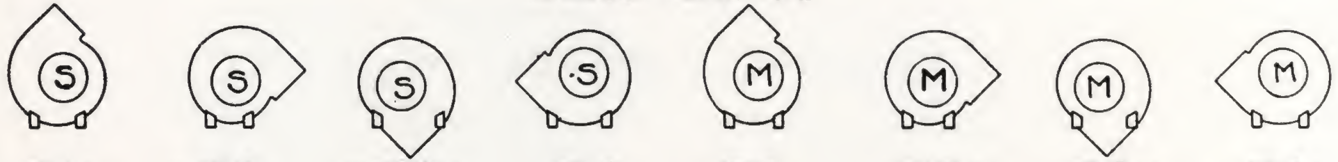
BLOWER DISCHARGE ARRANGEMENTS

STANDARD FLOOR TYPE



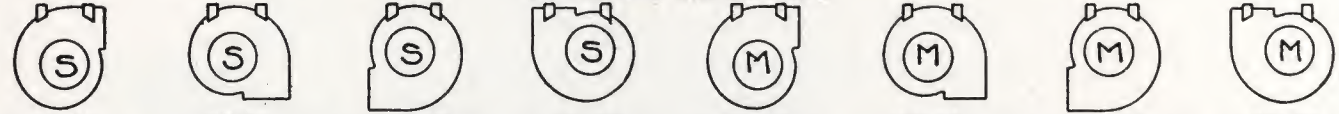
NO. 1 TOP HORIZONTAL RIGHT HAND
NO. 2 DOWN VERTICAL RIGHT HAND
NO. 3 BOTTOM HORIZONTAL LEFT HAND
NO. 4 UP VERTICAL LEFT HAND
NO. 5 TOP HORIZONTAL LEFT HAND
NO. 6 DOWN VERTICAL LEFT HAND
NO. 7 BOTTOM HORIZONTAL RIGHT HAND
NO. 8 UP VERTICAL RIGHT HAND

ANGULAR FLOOR TYPE



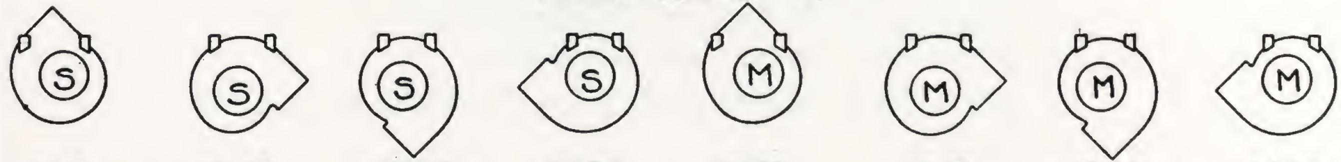
NO. 11 TOP 45° RIGHT HAND
NO. 12 DOWN 45° RIGHT HAND
NO. 13 BOTTOM 45° LEFT HAND
NO. 14 UP 45° LEFT HAND
NO. 15 TOP 45° LEFT HAND
NO. 16 DOWN 45° LEFT HAND
NO. 17 BOTTOM 45° RIGHT HAND
NO. 18 UP 45° RIGHT HAND

STANDARD CEILING TYPE

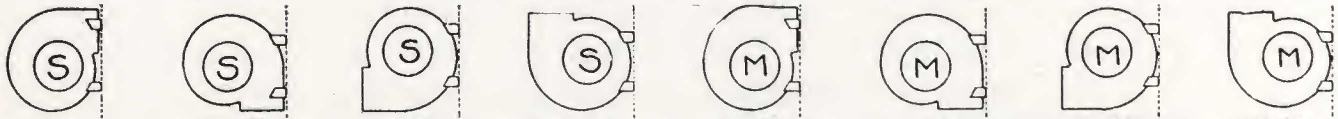


NO. 21 TOP HORIZONTAL RIGHT HAND
NO. 22 DOWN VERTICAL RIGHT HAND
NO. 23 BOTTOM HORIZONTAL LEFT HAND
NO. 24 UP VERTICAL LEFT HAND
NO. 25 TOP HORIZONTAL LEFT HAND
NO. 26 DOWN VERTICAL LEFT HAND
NO. 27 BOTTOM HORIZONTAL RIGHT HAND
NO. 28 UP VERTICAL RIGHT HAND

ANGULAR CEILING TYPE

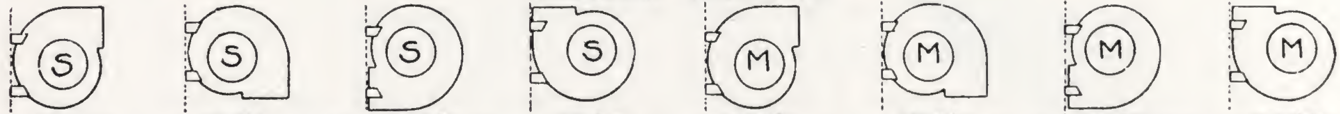


NO. 31 TOP 45° RIGHT HAND
NO. 32 DOWN 45° RIGHT HAND
NO. 33 BOTTOM 45° LEFT HAND
NO. 34 UP 45° LEFT HAND
NO. 35 TOP 45° LEFT HAND
NO. 36 DOWN 45° LEFT HAND
NO. 37 BOTTOM 45° RIGHT HAND
NO. 38 UP 45° RIGHT HAND



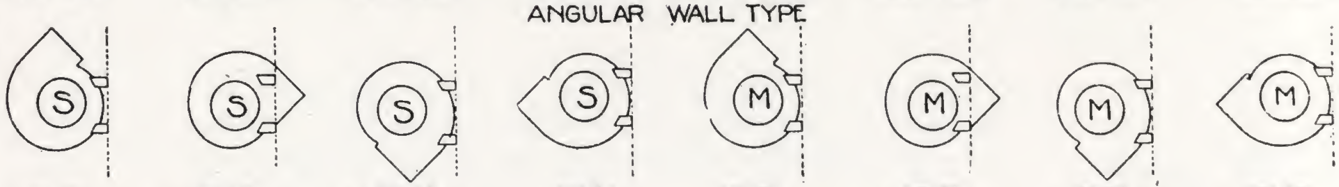
NO. 51 TOP HORIZONTAL RIGHT HAND RIGHT WALL
NO. 52 DOWN VERTICAL RIGHT HAND RIGHT WALL
NO. 53 BOTTOM HORIZONTAL LEFT HAND RIGHT WALL
NO. 54 UP VERTICAL LEFT HAND RIGHT WALL
NO. 55 TOP HORIZONTAL LEFT HAND LEFT WALL
NO. 56 DOWN VERTICAL LEFT HAND LEFT WALL
NO. 57 BOTTOM HORIZONTAL RIGHT HAND LEFT WALL
NO. 58 UP VERTICAL RIGHT HAND LEFT WALL

STANDARD WALL TYPE



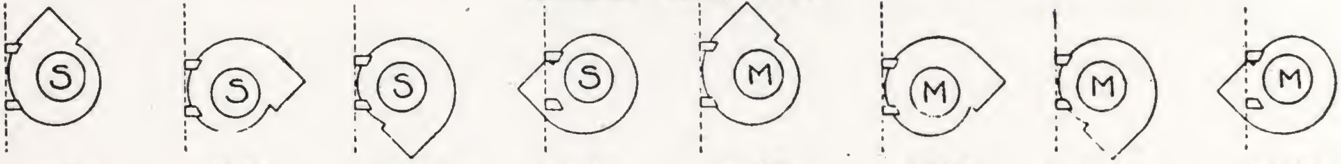
NO. 61 TOP HORIZONTAL RIGHT HAND LEFT WALL
NO. 62 DOWN VERTICAL RIGHT HAND LEFT WALL
NO. 63 BOTTOM HORIZONTAL LEFT HAND LEFT WALL
NO. 64 UP VERTICAL LEFT HAND LEFT WALL
NO. 65 TOP HORIZONTAL LEFT HAND RIGHT WALL
NO. 66 DOWN VERTICAL LEFT HAND RIGHT WALL
NO. 67 BOTTOM HORIZONTAL RIGHT HAND RIGHT WALL
NO. 68 UP VERTICAL RIGHT HAND RIGHT WALL

ANGULAR WALL TYPE



NO. 71 TOP 45° RIGHT HAND RIGHT WALL
NO. 72 DOWN 45° RIGHT HAND RIGHT WALL
NO. 73 BOTTOM 45° LEFT HAND RIGHT WALL
NO. 74 UP 45° LEFT HAND RIGHT WALL
NO. 75 TOP 45° LEFT HAND LEFT WALL
NO. 76 DOWN 45° LEFT HAND LEFT WALL
NO. 77 BOTTOM 45° RIGHT HAND LEFT WALL
NO. 78 UP 45° RIGHT HAND LEFT WALL

ANGULAR WALL TYPE



NO. 81 TOP 45° RIGHT HAND LEFT WALL
NO. 82 DOWN 45° RIGHT HAND LEFT WALL
NO. 83 BOTTOM 45° LEFT HAND LEFT WALL
NO. 84 UP 45° LEFT HAND LEFT WALL
NO. 85 TOP 45° LEFT HAND RIGHT WALL
NO. 86 DOWN 45° LEFT HAND RIGHT WALL
NO. 87 BOTTOM 45° RIGHT HAND RIGHT WALL
NO. 88 UP 45° RIGHT HAND RIGHT WALL

NOTE
'S' INDICATES SUCTION AND 'M' INDICATES MOTOR SIDE OF BLOWERS
DOTTED LINES INDICATE WALL ON WHICH BLOWER IS MOUNTED

CAUTION - ORDER DISCHARGE WANTED BY NUMBER ONLY

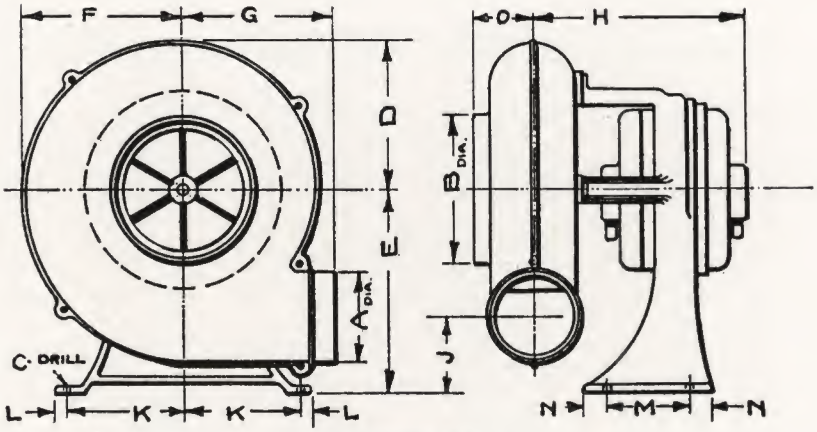
TYPE P CAPACITY AND POWER TABLE

Blower Size No.	Rated R. P. M.	STATIC PRESSURE IN INCHES OF WATER													
		¼		½		¾		1		1½		2		3	
		C.F.M	Watts Input	C.F.M	Watts Input	C.F.M	Watts Input	C.F.M	Watts Input	C.F.M	Watts Input	C.F.M	Watts Input	C.F.M	Watts Input
7½P	3400	215	190	210	190	200	185	190	180	165	175	135	170	70	150
10P	*1420	175	100	145	90	100	85	50	80	0	......	......	......	......	......
10P	1720	270	150	235	149	200	148	160	146	85	138	0	......	......	......
15P	*1420	320	130	250	105	185	95	110	90	0	......	......	......	......	......
15P	1720	415	230	375	215	330	200	280	190	150	165	0	......	......	......
20P	*1420	1030	460	980	440	920	420	850	390	710	340	550	280	0	0
20P	1720	1180	820	1130	780	1085	765	1040	740	945	685	845	635	600	510

Blower Size No.	Rated R.P.M.	STATIC PRESSURE IN INCHES OF WATER													
		2		3		4		5		6					
		C.F.M	Watts Input	C.F.M	Watts Input	C.F.M	Watts Input	C.F.M	Watts Input	C.F.M	Watts Input				
25P	1750	2700	1400	2000	1300	1200	1100	......	......	......	......	......	......	......	......
30P	1750	3500	3600	3100	3300	2600	2900	2000	2000	......	......	......	......	......	......
35P	1750	5000	5600	4500	5400	3600	5000	2500	4600	1000	4200	......	......	......	......

*1420 Speed on 25 Cycle only.

TYPE P PRINCIPAL DIMENSIONS



Discharge No. 7

PRINCIPAL DIMENSIONS

Size	Wheel Dia.	A	B	C	D	E	F	G	H A.C.	H D.C.	J	K	L	M		N	O
														A.C.	D.C.		
7½P	6¾	3	4⅞	11/32	5	6⅝	5⅜	5	9½	9⅜	2½	3⅞	⅜	....	....	2⅛	2 1/16
10P	8 5/16	3⅝	5½	11/32	5¾	7⅞	6⅛	5½	10⅛	9⅞	2⅝	4⅞	½	4⅜	4⅝	⅝	2½
15P	9⅞	5	5⅞	11/32	7	9 7/16	7⅝	7⅛	11	11 3/16	3 11/16	6	½	4¼	4¼	⅞	3⅛
20P	13¼	6¾	7¾	13/32	9⅝	12⅜	10	9⅞	14¼	16¼	5⅜	6¾	½	6¾	6⅞	1	4⅜

These Blowers Made Up For Number 5-6-7 or 8 Discharge. Sizes 7 1-2 and 20 all discharges.

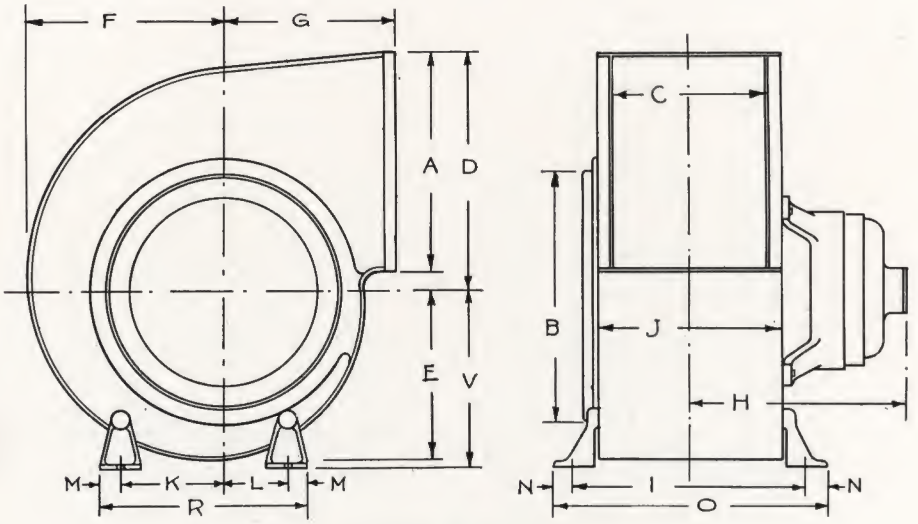
Blower Size	Wheel Dia.	A	B	C	D	E	F	G	H A.C.	H D.C.	J	M	O	S
25	15¼	10¼	7¼	6¼	13⅞	10⅞	12	8⅞	15½	19	8¼	1½	17¼	13
30	17¾	12⅛	14	8	17⅜	13⅜	15⅛	10¾	17½	21	10	1½	18	15¼
35	20¼	14⅛	14½	9¼	20½	14¾	19⅛	10⅞	18½	22	12	1½	19½	16

NOTE—Dimensions E and S change slightly with change of discharge

TYPE B CAPACITY AND POWER TABLE SPEED, CAPACITY AND BRAKE HORSE POWER AT VARIOUS PRESSURES—FOR 60 CYCLE AND D. C.

Blower No.	Dia. of Wheel		⅛″	¼″	⅜″	½″	⅝″	⅝″	¾″	⅞″	1″	1⅛″	1¼″	1½″
10B	6½″	C. F. M.	50	50	......	......	......	......	......	......	......	......	......	......
		R. P. M.	855	1140	......	......	......	......	......	......	......	......	......	......
		B. H. P.	.03	.10	......	......	......	......	......	......	......	......	......	......
15B	9⅞″	C. F. M.	350	460	380	300	200	......	50	......	......	......	......	......
		R. P. M.	855	1140	1140	1140	1140	......	1140	......	......	......	......	......
		B. H. P.	.08	.13	.12	.12	.11	......	.12	......	......	......	......	......
20B	12¾″	C. F. M.	760	680	610	920	870	......	820	775	800	645	580	440
		R. P. M.	855	855	855	1140	1140	......	1140	1140	1140	1140	1140	1140
		B. H. P.	.25	.23	.20	.50	.49	......	.47	.45	.43	.41	.40	.38
25B	15¼″	C. F. M.	2530	2360	2200	1980	1760	2750	2530	2365	2230	2090	1870	1210
		R. P. M.	855	855	855	855	855	1140	1140	1140	1140	1140	1140	1140
		B. H. P.	.55	.53	.51	.49	.47	1.00	.99	.97	.95	.90	.88	.86
30B	17¾″	C. F. M.	3690	3470	3220	2920	2570	3740	3520	3300	3030	2750	2420	1650
		R. P. M.	685	685	685	685	685	855	855	855	855	855	855	855
		B. H. P.	.70	.68	.65	.61	.58	1.20	1.15	1.11	1.06	1.01	.97	.89
35B	20¼″	C. F. M.	4840	4510	4180	3740	3460	5170	4840	4540	4300	4040	3760	2970
		R. P. M.	685	685	685	685	685	855	855	855	855	855	855	855
		B. H. P.	1.25	1.18	1.11	1.04	.96	2.15	2.08	2.00	1.90	1.78	1.65	1.45
40B	22¼″	C. F. M.	5960	5610	5220	4880	......	4480	3630	3020	6710	6270	5850	5110
		R. P. M.	570	570	570	570	......	570	570	570	855	855	855	855
		B. H. P.	1.56	1.49	1.40	1.30	......	1.20	1.10	1.08	3.01	2.95	2.85	2.75
45B	25″	C. F. M.	8650	8300	7920	7480	......	7000	6440	5720	8040	7540	6870	5940
		R. P. M.	570	570	570	570	......	570	570	570	685	685	685	685
		B. H. P.	2.60	2.48	2.35	2.25	......	2.12	1.70	1.65	3.50	3.30	3.12	2.80
50B	27½″	C. F. M.	10250	9670	9020	8540	7980	10250	9670	9150	8630	8040	7350	4400
		R. P. M.	490	490	490	490	490	570	570	570	570	570	570	570
		B. H. P.	3.07	2.93	2.88	2.62	2.45	4.15	3.96	3.75	3.55	3.31	3.05	2.40
55B	30½″	C. F. M.	12000	11450	10800	9900	......	8800	7370	13300	12550	11550	10700	9000
		R. P. M.	425	425	425	425	......	4.25	425	570	570	570	570	570
		B. H. P.	3.00	2.90	2.83	2.65	......	2.30	2.10	6.15	5.85	5.60	5.35	4.40
60B	33″	C. F. M.	13900	13200	12450	11450	10600	15400	14750	14100	13000	12300	11400	9570
		R. P. M.	380	380	380	380	380	490	490	490	490	490	490	490
		B. H. P.	3.50	3.30	3.10	2.89	2.79	6.55	6.28	6.00	5.66	5.33	4.94	4.40
70B	38½″	C. F. M.	20200	19800	18900	17700	16300	19800	18700	17200	15600	13850	16500	12850
		R. P. M.	340	340	340	340	340	380	380	380	380	380	425	425
		B. H. P.	5.40	5.10	4.82	4.55	4.24	6.25	5.95	5.60	5.40	7.67	7.10	5.75
80B	46″	C. F. M.	25700	24700	23000	20900	......	18800	16700	14300	22200	19900	17600	13200
		R. P. M.	285	285	285	285	......	285	285	285	340	340	340	340
		B. H. P.	6.11	5.77	5.40	5.01	......	4.65	4.20	4.00	9.00	8.60	8.00	6.00
90B	51″	C. F. M.	33500	31200	30600	28200	25300	34100	31900	29700	26400	23100	17600	11000
		R. P. M.	245	245	245	245	245	285	285	285	285	285	285	285
		B. H. P.	7.50	7.10	6.80	6.40	6.00	12.00	11.30	10.80	10.60	10.40	9.70	9.5

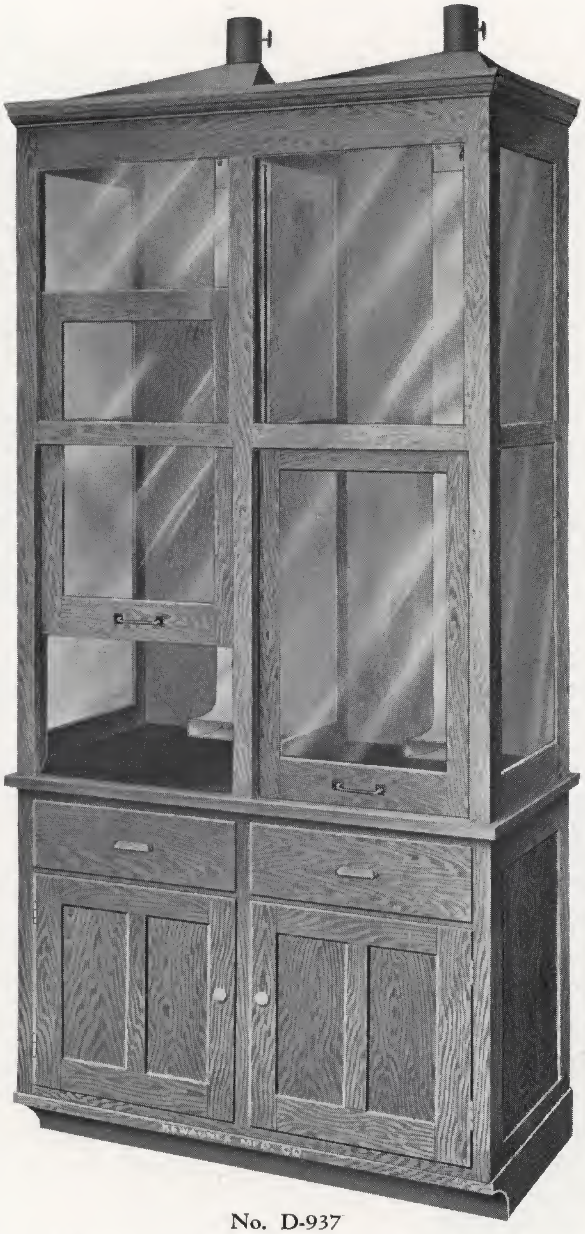
TYPE B
PRINCIPAL DIMENSIONS DIRECT CONNECTED TYPE



APPROXIMATE DIMENSIONS

Blower is shown for discharge 1—23—54—62. Motor is on opposite side for discharge 5—27—58—66

Size	Wheel Dia.	A	B	C	D	E	F	G	H AC	H DC	I	J	K	L	M	N	O	P	R	V
25	12¾	13	13	9	14⅛	10	11¾	10⅛	14¾	19½	14¼	10¼	6	3¾	1¼	¾	15¾	⅝	12¼	10½
30	15½	16	16	11	17⅜	12⅛	14¼	12	14¾	19½	17	12½	7¼	4½	1½	1	19	⅝	14¾	12¾
35	18¼	19	19	13	20½	14¼	16¾	14	15	23½	19¾	14¾	8½	5¼	1¾	1⅛	22	⅝	17¼	14¾
40	21	22	22	15	23⅝	16⅜	19¼	16	18½	24	22½	17	9¾	6¼	2	1⅜	25¼	¾	20	17
45	23¾	25	25	17	26¾	18½	21¾	18	19	24	25¼	19⅛	11	7	2¼	1⅝	28½	¾	22½	19
50	26½	28	28	19	29⅞	20⅝	24¼	20	19	30	28¼	21⅜	12½	8	2½	1¾	31¾	⅞	25½	21
55	29¼	31	31	21	33	22¾	26¾	22	21½	31	31	23⅝	13¾	8½	2¾	2	35	⅞	27¾	23½
60	32	34	34	23	36⅛	24⅞	29¼	24	24	31	33¾	25⅞	15	9½	3	2¼	38¼	1	30½	25½
70	38½	28	35	28	39⅝	30¼	34⅝	25¾	27	36	39⅞	30	17	10	3	2¾	44⅜	1⅛	33	31
80	46	32	40	34	46	34¼	39¾	27⅛	31	38	45⅞	36	18½	10½	3	3	50¾	1⅛	35	35
90	51	38	45	39	51⅝	39¼	45⅛	32¼	38	39	51⅞	42	24⅝	16⅜	3	3½	56	1⅛	47	40



No. D-937

No. D-937 CHEMICAL FUME HOOD

Each compartment of this hood provides an individual working space and each hood is independently vented. Provision is made by means of a rectangular vent, extending from the top to the working surface of the hood, to remove both heavier than air and lighter than air gases. This feature is attained with the use of hinged gate dampers located in flue near top of hood which divide the removal of air between the top and bottom openings in the flue duct. The sliding sash operates with sash weights running over wood pulleys, and monel metal woven cable successfully withstands the acid corrosion that quickly destroys ordinary sash cord or brass chain. This hood can be had in units of two feet to satisfy any laboratory requirement as to length.

SPECIFICATIONS

	Width	Height	Depth
Overall	50 in.	8 ft.	25 in.
2 hoods	22½ in.	5 ft.	20 in.
2 cupboards	21¾ in.	20¼ in.	21¼ in
2 drawers	20¼ in.	5¼ in.	15 in.

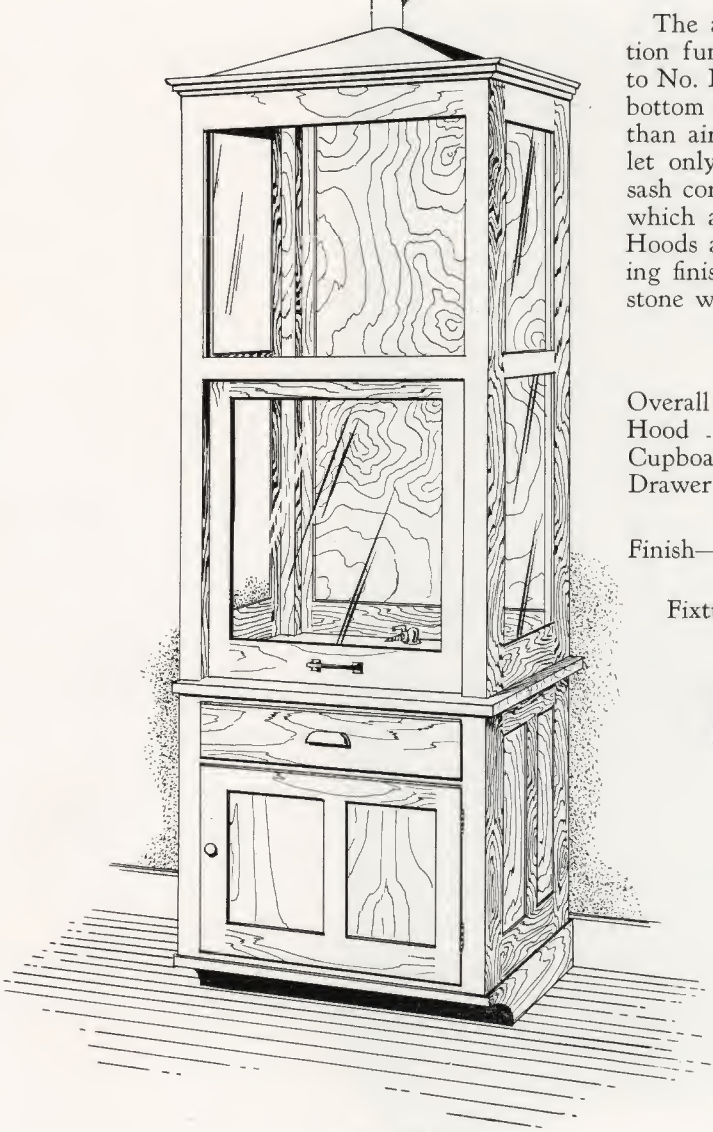
Weight crated, 430 lbs. 2 sections, 595 lbs. 3 sections, 860 lbs. 4 sections, 1,120 lbs.

Construction—Oak.

Finish—No. 1 or No. 2 Oak. Working surface, birch, black acid resisting finish.

Fixtures—2 single long spout gas cocks, piping complete to floor line.

No. D-937—2 sections as illustrated, 4 ft. wide.
No. D-938—3 section fume hood, 6 ft. wide.
No. D-939—4 section fume hood, 8 ft. wide.



No. D-941

No. D-941 CHEMICAL FUME HOOD

The accompanying illustration shows a single section fume hood identical in construction and design to No. D-937 except that vent pipe providing top and bottom outlet for removal of both lighter and heavier than air gases is omitted, and the hood has top outlet only. The lifting sash operates on monel metal sash cord running over wood pulleys to sash weights which are carried in boxes at rear corners of hood. Hoods are regularly furnished with black acid resisting finish wood working surface, but may be had in stone working surface if desired.

SPECIFICATIONS

	Width	Height	Depth
Overall	25½ in.	8 ft.	25 in.
Hood	22½ in.	5 ft.	20 in.
Cupboard	21¾ in.	20¼ in.	21¼ in.
Drawer	20¼ in.	5¼ in.	15 in.

Construction—Oak.

Finish—No. 1 or No. 2 Oak. Working surface, birch, black acid resisting finish.

Fixtures—1 single long spout gas cock, piping complete to floor line.

Weight crated, 340 lbs.

No. D-941—As illustrated.

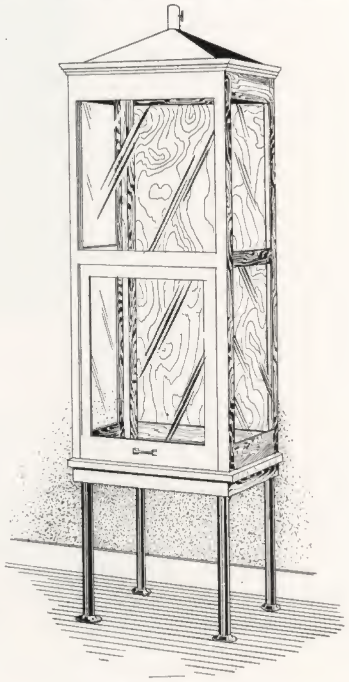
No. D-942—Additional two foot sections.

No. D-945 CHEMICAL FUME HOOD

No. D-945 hood illustrated at the right is identical with No. D-941 above except that pipe legs are provided in lieu of the cupboard lower section. This is a very economical hood for use where the storage space provided by the lower drawer and cupboard section is not required.

Weight crated, 290 lbs.

No. D-945—As illustrated.



No. D-945

No. D-948 FUME HOOD

All exposed wood parts are of solid selected oak. Top of hood is leadcoated iron, surfaced with a heavy coat of asphaltum. The working surface and eighteen inches of the back and sides are of 1¼ inch soapstone. A double short spout gas cock is installed in the hood, with piping complete to the floor line.

SPECIFICATIONS

	Width	Height	Depth
Overall	74 in.	8 ft.	33 in.
Hood	69 in.	5 ft.	28 in.
2 drawers	24¾ in.	5¼ in.	24 in.

Construction—Oak. Working surface and 18 inches of back and sides of 1¼ in. soapstone.

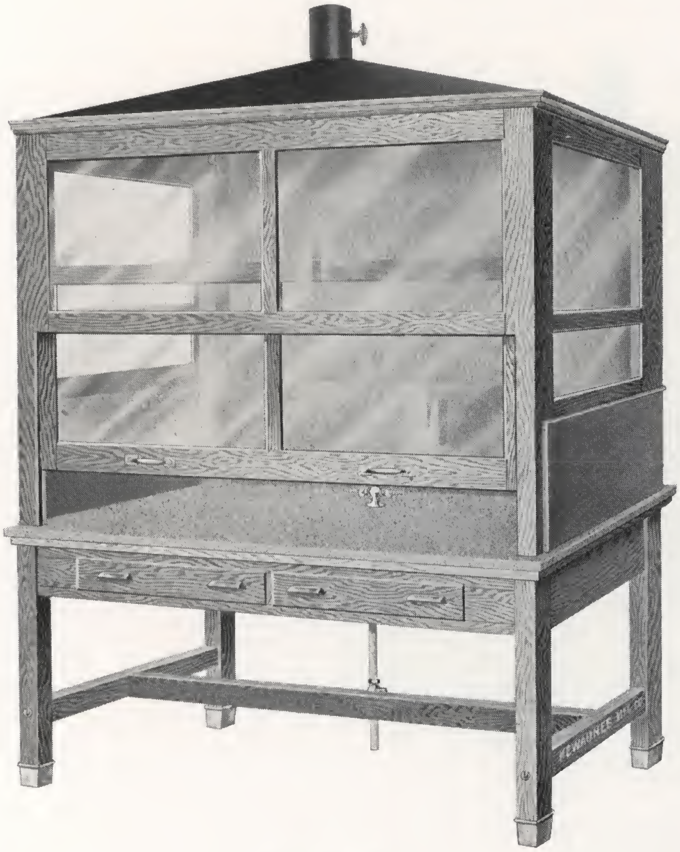
Finish—No. 1 or No. 2 Oak.

Fixtures—1 double short spout gas cock. Piping complete to floor line.

Weight crated—No.D-948—940 lbs.
No.D-949—740 lbs.

No. D-948—As illustrated.

No. D-949—4 ft. wide.



No. D-948

No. D-950 FUME HOOD

This hood is 48 inches wide and has a cupboard lower section. The working surface and eighteen inches of the sides and back are of 1¼ inch soapstone. Hood is equipped with a double, short spout gas cock with plumbing complete to the floor line.

SPECIFICATIONS

	Width	Height	Depth
Overall	50 in.	8 ft.	33 in.
Hood	45 in.	5 ft.	28 in.
1 drawer	43 in.	5¼ in.	24 in.
Cupboard	44½ in.	19¼ in.	29 in.

Construction—Oak. Working surface and 18 inches of back and sides of 1¼ inch soapstone.

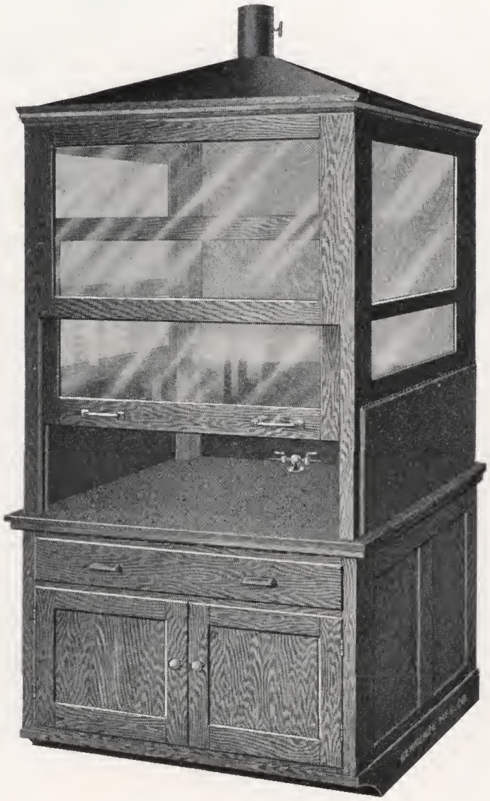
Finish—No. 1 or No. 2 Oak.

Fixtures—1 double short spout gas cock, piping complete to floor line.

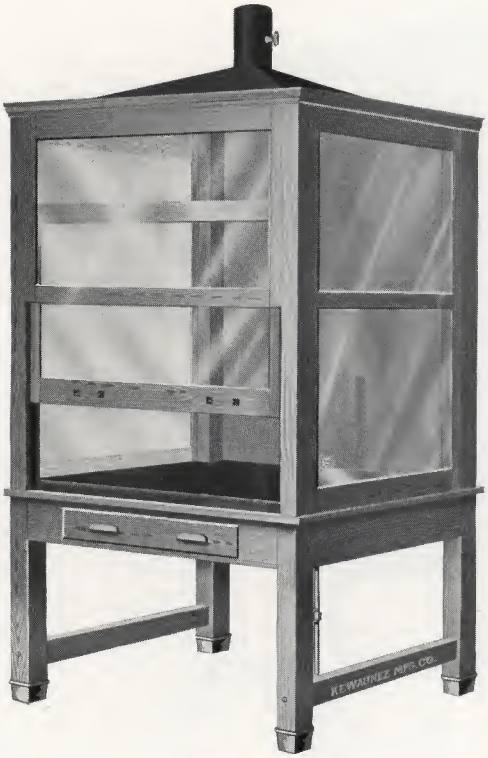
Weight crated—No. D-950—720 lbs., No. D-951—930 lbs.

No. D-950—As illustrated.

No. D-951—6 ft. wide.



No. D-950



No. D-954

No. D-954 CHEMICAL FUME HOOD

Exposed parts are made of solid selected oak, finely finished. Double strength glass on front and ends. Glass sash in front operates easily, being counterbalanced with sash weights. As no iron is used in the door mechanism, all door trouble is eliminated. The wood working surface has a black acid resisting finish. A short double spout gas cock is installed in the hood with piping complete to the floor line.

SPECIFICATIONS

	Width	Height	Depth
Overall	50 in.	8 ft.	33 in.
Hood	45 in.	5 ft.	28 in.
Drawer	28 in.	5¼ in.	24 in.

Construction—Oak.

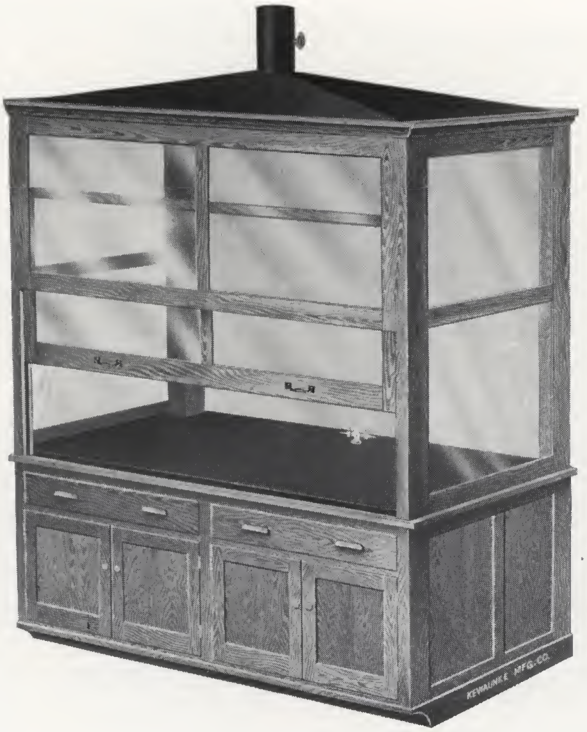
Finish—No. 1 or No. 2 Oak. Working surface, birch, black acid resisting finish.

Fixtures—1 double short spout gas cock, piping complete to floor line.

Weight crated—No. D-954—540 lbs., No. D-955—690 lbs.

No. D-954—As illustrated.

No. D-955—6 ft. wide.



No. D-956

No. D-956 CHEMICAL HOOD

This fume hood has a wood black acid resisting finished working surface. All exposed parts are of solid, selected oak, and the top of the hood is lead-coated iron, surfaced with a heavy coat of asphaltum. Glass is double strength. A double short spout gas cock is installed in the hood with piping complete to the floor line.

SPECIFICATIONS

	Width	Height	Depth
Overall	6 ft. 2 in.	8 ft.	33 in.
Hood	69 in.	5 ft.	28 in.
2 drawers	32 in.	5¼ in.	24 in.
2 cupboards	33¾ in.	20¼ in.	29 in.

Construction—Oak.

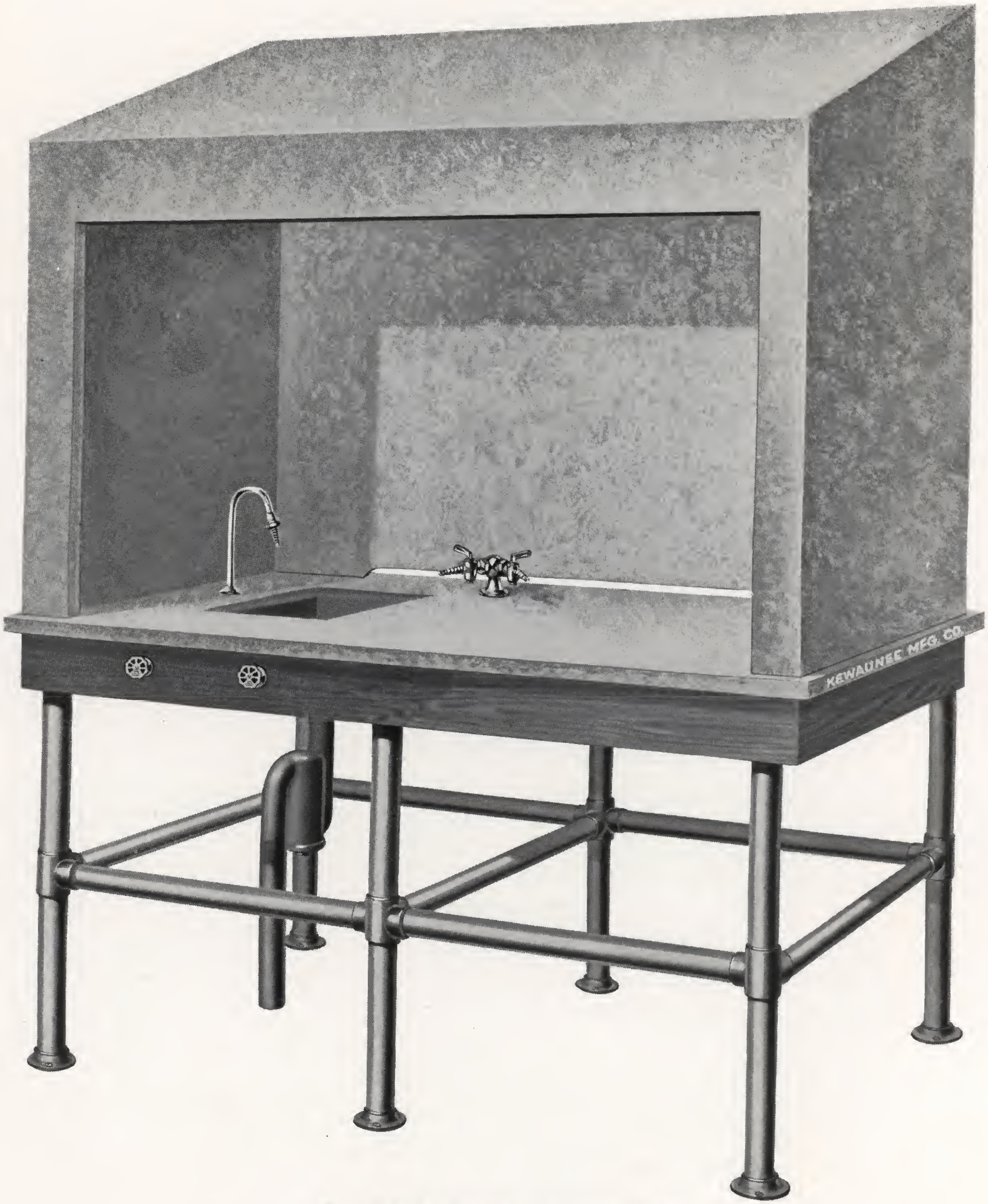
Finish—No. 1 or No. 2 Oak. Working surface, birch, black acid resisting finish.

Fixtures—1 double short spout gas cock, piping complete to floor line.

Weight crated—No. D-956—650 lbs., No. D-957—540 lbs.

No. D-956—As illustrated.

No. D-957—4 ft. wide.



No. D-960—Transite Asbestos Hood.
No. D-962—Soapstone Hood.

No. D-960 and D-962 OPEN FRONT FUME HOOD

The open front type of fume hood is designed to operate with high velocities of air, and has become widely popular during the past few years, where adequate mechanical ventilation systems can be installed to remove large quantities of air. This type of hood is provided with a baffle plate having graduated openings at the top and bottom which divide the flow of air through the hood to upper and lower currents designed to remove both heavier than air and lighter than air gases. The vent duct is installed in the wall behind the baffle plate as shown in end section of hood, illustrated below. This hood is furnished in ¾ inch transite asbestos or in 1¼ inch thick soapstone as desired, but in both cases 5/16 inch transite asbestos baffle plates are used and a 1¼ inch thick soapstone working surface is furnished. The hood is scientifically designed to cause a division of air currents that will successfully prevent fumes generated within the hood from escaping into the laboratory, and in addition the open type of hood will prove very successful in removing fumes from the laboratory. With the open front type of fume hood installation, it is necessary that provision be made for replacing the same quantities of air that the hood system removes from the laboratory, and when this is properly arranged for, the general ventilation in the laboratory can be taken care of through the wall hoods. Kewaunee fume hoods are so designed that a minimum of metal and other corrosive materials is used in their construction, and the hoods are very rigidly and solidly built with concealed draw bolts, fully countersunk and covered with acid resisting cement. Hoods built of either soapstone or transite asbestos are furnished in four sizes, i. e., in three foot and five foot lengths and in thirty-six inch and thirty-six inch widths. A soapstone sink is provided and water is supplied through a goose neck having a remote wheel handle control mounted in rail. A double gas cock placed in the rear of the working surface of the hood provides gas and is also controlled by a wheel handle remote control in rail. The hood is mounted on 1¼ inch thick pipe legs finished in black asphaltum acid resisting paint.

No. D-960 SPECIFICATIONS

	Length	Width	Height	Depth
Overall		5 ft. 2 in.	7 ft.	31 in.
Hood		5 ft.	4 ft.	30 in.
1 stone sink..........	16 in.	8 in.		7 in.

Construction—Hood ¾ in. transite asbestos. 1¼ in. stone working surface mounted on oak frame and supported on 1¼ in. pipe supports.

Finish—Frame No. 1 or No. 2 Oak. Pipe leg supports, black asphaltum paint.

Fixtures—1 remote control pantry cock, 1 remote control double long spout gas cock.

Weight crated, No. D-960, 680 lbs.; No. D-960A, 730 lbs.; No. D-961, 520 lbs.; No. D-961A, 590 lbs.

No. D-960 —Transite asbestos 5 ft. wide, 30 in. deep.
No. D-960A—Transite asbestos 5 ft. wide, 36 in. deep.
No. D-961 —Transite asbestos 3 ft. wide, 30 in. deep.
No. D-961A—Transite asbestos 3 ft. wide, 36 in. deep.

No. D-962 SPECIFICATIONS

	Length	Width	Height	Depth
Overall		5 ft. 2 in.	7 ft.	31 in.
Hood		5 ft.	4 ft.	30 in.
1 stone sink	16 in.	8 in.		7 in.

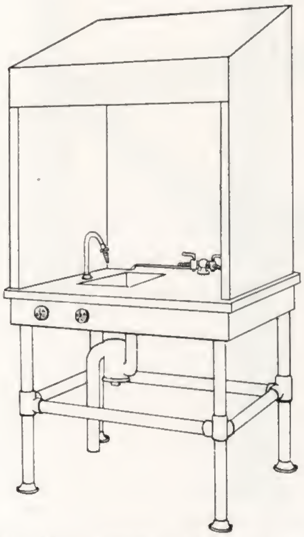
Construction—Hood 1¼ in. stone. 1¼ in. stone working surface mounted on oak frame and supported on 1¼ in. pipe supports.

Finish—Frame No. 1 or No. 2 Oak. Pipe supports, black asphaltum paint.

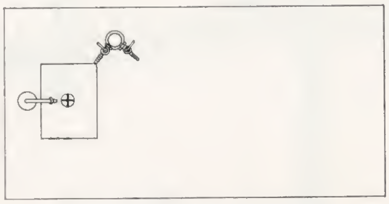
Fixtures—1 remote control pantry cock, 1 remote control double long spout gas cock.

Weight crated, No. D-962, 830 lbs.; No. D-962A, 890 lbs.; No. D-963, 670 lbs.; No. D-963A, 750 lbs.

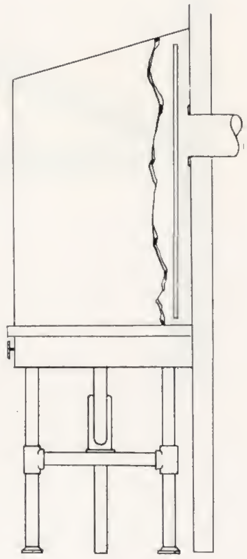
No. D-962 —Stone, 5 ft. wide, 30 in. deep.
No. D-962A—Stone, 5 ft. wide, 36 in. deep.
No. D-963 —Stone, 3 ft. wide, 30 in. deep.
No. D-963A—Stone, 3 ft. wide, 36 in. deep.



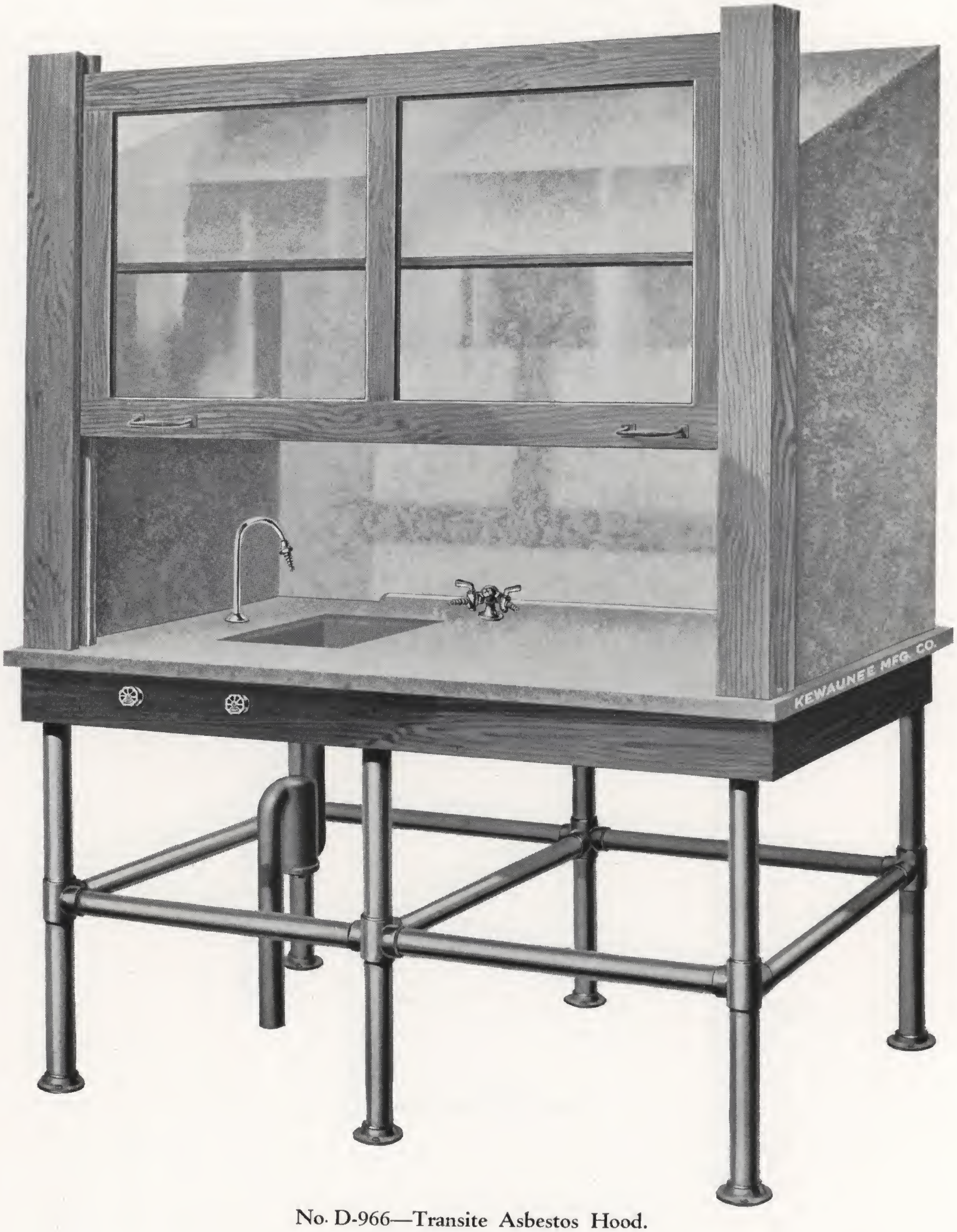
No. D-961—Transite Asbestos Hood.
No. D-963—Soapstone Hood.



Plan of Working Surface



End Section.



No. D-966—Transite Asbestos Hood.
No. D-968—Soapstone Hood.

No. D-966 and No. D-968 SLIDING SASH FUME HOOD

In a great many cases a fume hood of the same general design as the open front type, but which is also equipped with a sliding sash is desired. The sliding sash on this hood can be lifted to a height which affords a clear opening 30 in. high, and the hood thus has all the advantages of the open front type of hood. In addition the sliding sash is available and may be lowered where very poisonous gases are being generated or where for many purposes the use of a closed type of fume hood is desired. This additional feature makes this style of fume hood very flexible and allows it to fully meet every laboratory demand. The hollow posts which carry the sash weights are of wood, and a monel metal sash cord running over wood pulleys successfully withstands the chemical corrosion that has made the successful operation of lifting doors difficult where linen sash cords or brass chains were used. The working surface of the fume hood is of 1¼ inch thick soapstone and the baffle plate is of $\frac{5}{16}$ in. thick transite asbestos. The balance of the hood is furnished in ¾ in. thick transite asbestos or in 1¼ in. thick soapstone as desired. Gas and water are provided on the working surface of the hood and are controlled with remote wheel handle controls mounted in the rail as shown. A stone sink is provided and the hood is mounted on 1¼ inch thick pipe legs finished in black asphaltum acid resisting paint.

No. D-966 SPECIFICATIONS

	Length	Width	Height	Depth
Overall		5 ft. 2 in.	7 ft.	31 in.
Hood		5 ft.	4 ft.	30 in.
1 stone sink	16 in.	8 in.		7 in.

Construction—Hood, ¾ in. transite asbestos. The sliding up sash, weight boxes and frame supporting hood are constructed of solid selected oak. Working surface is 1¼ in. stone.

Finish—Oak parts No. 1 or No. 2 Oak. Pipe supports, black asphaltum paint.

Fixtures—1 remote control pantry cock, 1 remote control double long spout gas cock.

Weight crated, No. D-966, 680 lbs.; No. D-966A, 740 lbs.; No. D-967, 520 lbs.; No. D-967A, 610 lbs.

No. D-966 —Transite asbestos, 5 ft. wide, 30 in. deep.
No. D-966A—Transite asbestos, 5 ft. wide, 36 in. deep.
No. D-967 —Transite asbestos, 3 ft. wide, 30 in. deep.
No. D-967A—Transite asbestos, 3 ft. wide, 36 in. deep.

No. D-968 SPECIFICATIONS

	Length	Width	Height	Depth
Overall		5 ft. 2 in.	7 ft.	31 in.
Hood		5 ft.	4 ft.	30 in.
1 stone sink	16 in.	8 in.		7 in.

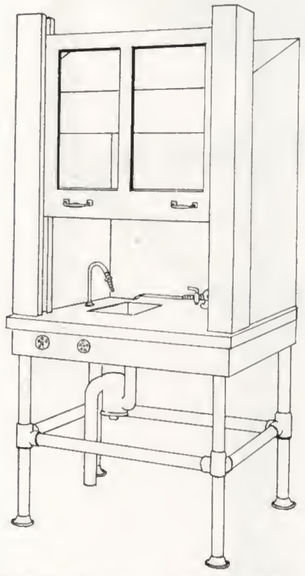
Construction—Hood, 1¼ in. stone. The sliding up sash, weight boxes and frame supporting hood are constructed of solid selected oak. Working surface is 1¼ in. stone.

Finish—Oak parts No. 1 or No. 2 Oak. Pipe supports, black asphaltum paint.

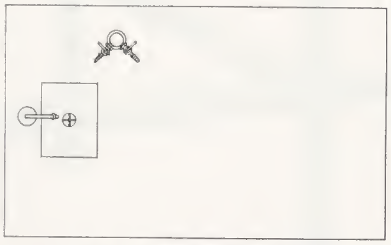
Fixtures—1 remote control pantry cock, 1 remote control double long spout gas cock.

Weight crated, No. D-968, 780 lbs.; No. D-968A, 820 lbs.; No. D-969, 560 lbs.; No. D-969A, 700 lbs.

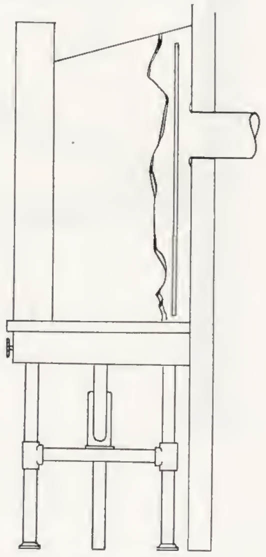
No. D-968 —Stone, 5 ft. wide, 30 in. deep.
No. D-968A—Stone, 5 ft. wide, 36 in. deep.
No. D-969 —Stone, 3 ft. wide, 30 in. deep.
No. D-969A—Stone, 3 ft. wide, 36 in. deep.



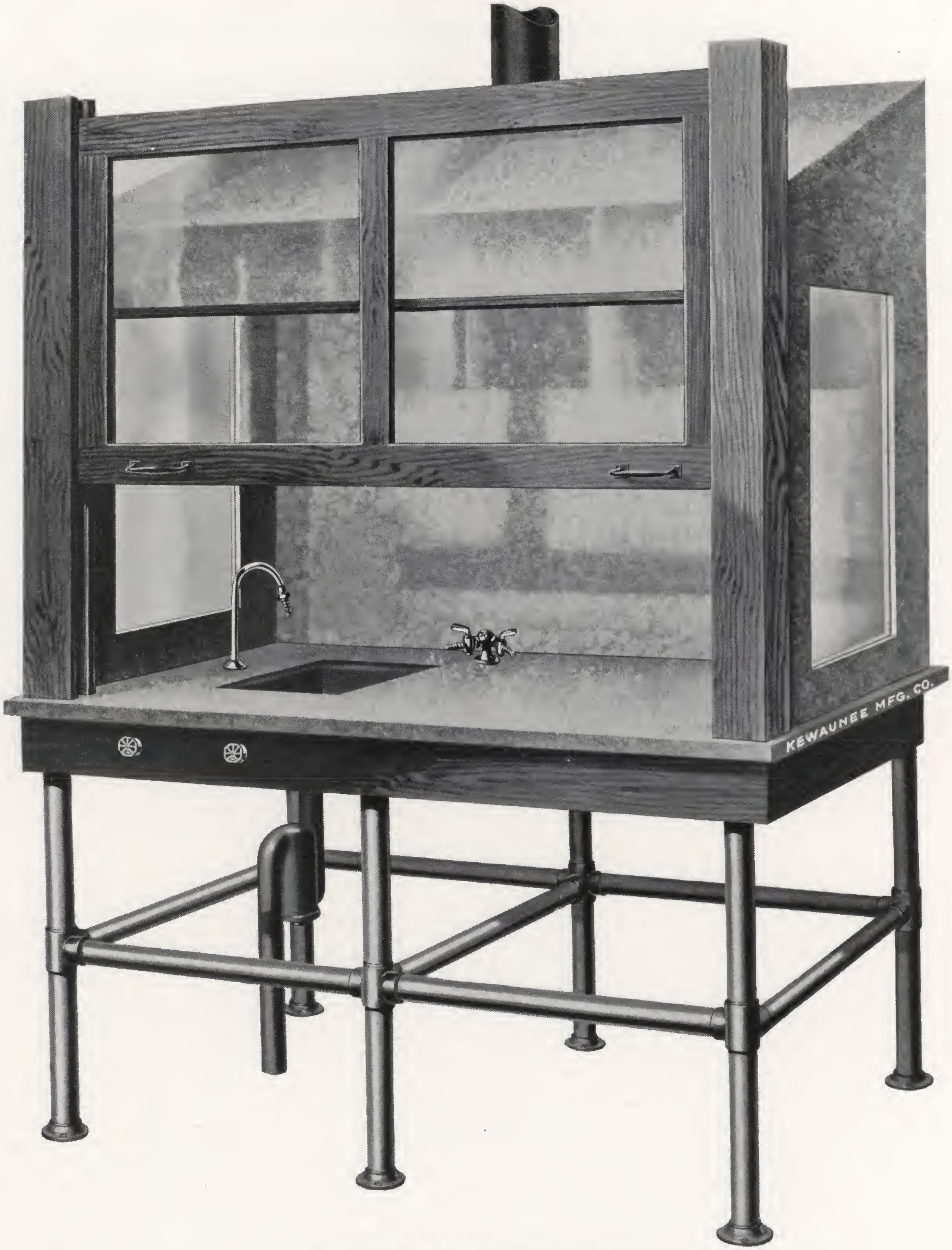
No. D-967—Transite Asbestos Hood.
No. D-969—Soapstone Hood.



Plan of Working Surface.



End Section.



No. D-974—Transite Asbestos Hood.
No. D-976—Soapstone Hood.

Nos. D-974 and D-976 SLIDING SASH FUME HOOD

Frequently building conditions require the use of exposed vent piping on walls and ceiling. Where this is necessary, fume hoods having top outlets are usually used. The No. D-974 type fume hood is not equipped with a baffle plate, and all its fumes are exhausted directly out the top of the hood. The hood is equipped with a sliding sash. In addition to being used in connection with exposed vent piping, that is more readily connected at the top than behind the fume hood, this hood is also desirable for installation in those buildings where fumes must be handled with a minimum of air removal, and this closed type of fume hood can be used satisfactorily in connection with mechanical ventilation equipment that will remove only small quantities of air. It should be borne in mind in selecting the type of wall fume hood to be used, that the use of the open front hood is limited to those instances where adequate provision can be made for removing large quantities of air, while the closed front or sliding sash type of fume hood can be used with very much smaller mechanical ventilation facilities. A very desirable feature of this fume hood is the glass ends which provide a maximum of light.

No. D-974 SPECIFICATIONS

	Length	Width	Height	Depth
Overall		5 ft. 2 in.	7 ft.	31 in.
Hood		5 ft.	4 ft.	30 in.
1 stone sink	16 in.	8 in.		7 in.

Construction—Hood, ¾ in. transite asbestos. The frame of sliding up sash, weight boxes and frame supporting hood are constructed of solid selected oak. Working surface 1¼ in. stone. Sliding up sash and ends are glazed with Double Strength glass.

Finish—Oak parts No. 1 or No. 2 Oak. Pipe supports, black asphaltum paint.

Fixtures—I remote control pantry cock, 1 remote control double long spout gas cock.

Weight crated, No. D-974, 640 lbs.; No. D-974A, 710 lbs.; No. D-975, 480 lbs.; No. D-975A, 530 lbs.

No. D-974 —Transite asbestos, 5 ft. wide, 30 in. deep.
No. D-974A—Transite asbestos, 5 ft. wide, 36 in. deep.
No. D-975 —Transite asbestos, 3 ft. wide, 30 in. deep.
No. D-975A—Transite asbestos, 3 ft. wide, 36 in. deep.

No. D-976 SPECIFICATIONS

	Length	Width	Height	Depth
Overall		5 ft. 2 in.	7 ft.	31 in.
Hood		5 ft.	4 ft.	30 in.
1 stone sink	16 in.	8 in.		7 in.

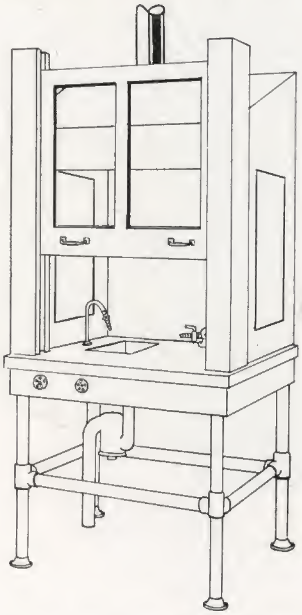
Construction—Hood, 1¼ in. stone. The frame of sliding up sash, weight boxes and frame supporting hood are constructed of solid selected oak. Working surface 1¼ in. stone. Sliding up sash and ends are glazed with Double Strength glass.

Finish—Oak parts No. 1 or No. 2 Oak. Pipe supports, black asphaltum paint.

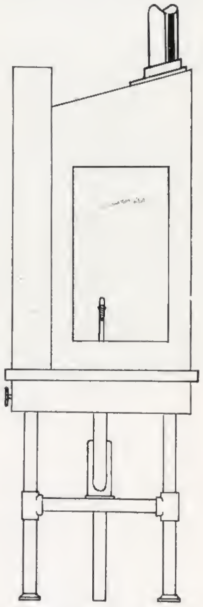
Fixtures—1 remote control pantry cock, 1 remote control double long spout gas cock.

Weight crated, No. D-976, 890 lbs.; No. D-976A, 950 lbs.; No. D-977, 670 lbs.; No. D-977A, 720 lbs.

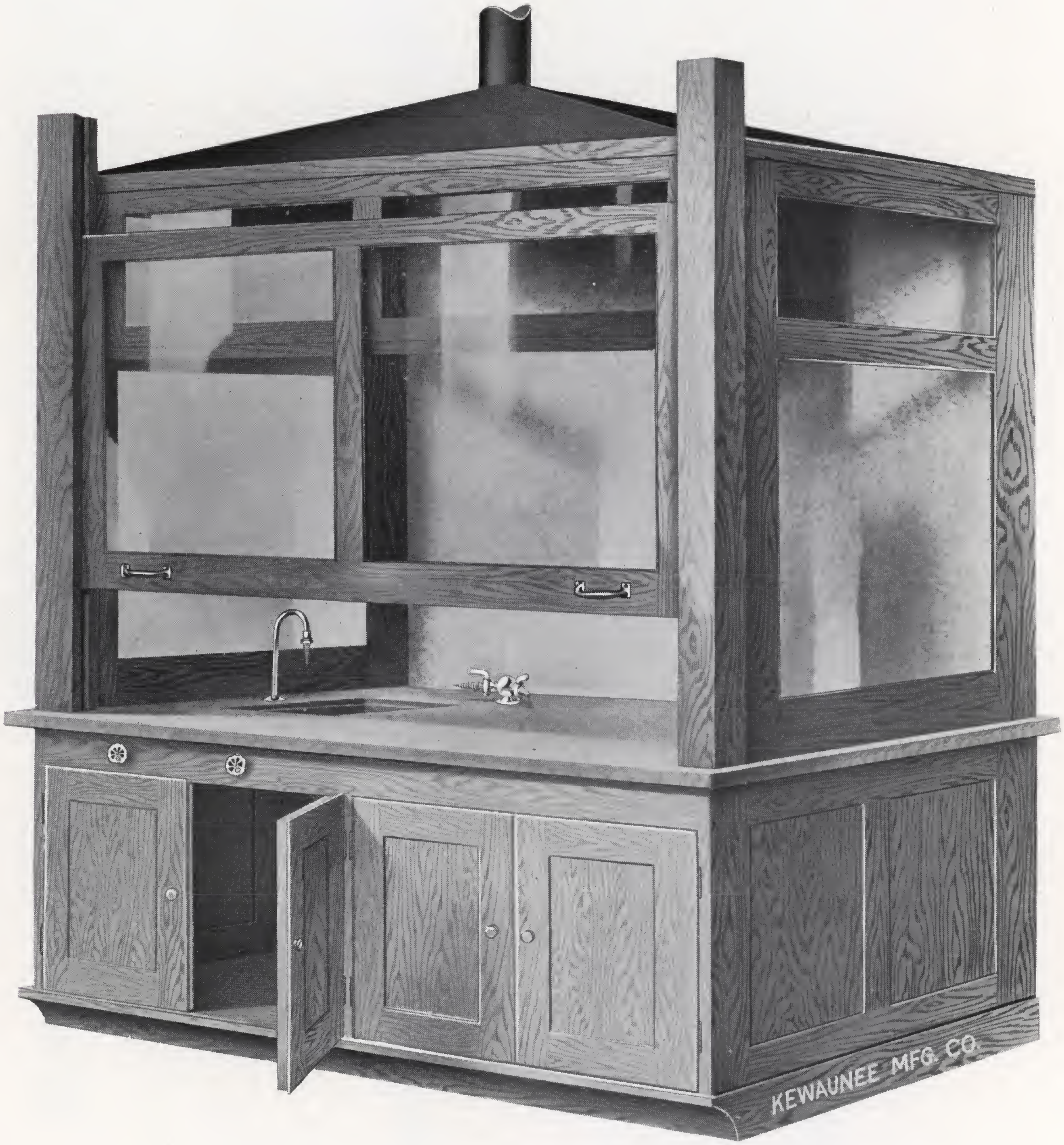
No. D-976 —Stone, 5 ft. wide, 30 in. deep.
No. D-976A—Stone, 5 ft. wide, 36 in. deep.
No. D-977 —Stone, 3 ft. wide, 30 in. deep.
No. D-977A—Stone, 3 ft. wide, 36 in. deep.



No. D-975—Transite Asbestos Hood.
No. D-977—Soapstone Hood.



End View.



No. D-982

No. D-982 SLIDING SASH FUME HOOD

This hood is constructed throughout of wood and glass with the exception of the 1¼ in. thick soapstone working surface and the terne plate or lead coated iron canopy. The hood is the top outlet type, and the glass ends and the glazed sliding sash allow splendid lighting. The interior of the upper section of this hood is finished in chemical resisting aluminum bronze paint, and the terne plate canopy is finished in acid resisting Asphaltum paint. This hood provides a sink, water supply and gas supply, and has two spacious double cupboards. It is very economical and is used widely where resistance to unusual corrosive and moisture conditions do not require the use of stone or asbestos hoods.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall		5 ft. 2 in.	8 ft.	31 in.
Hood		5 ft.	5 ft.	30 in.
2 double cupboards		27¾ ft.	27 in.	27 in.
1 stone sink	16 in.	8 in.		7 in.

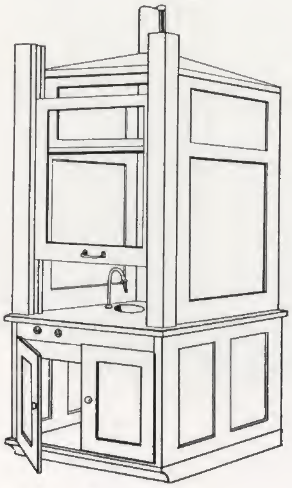
Construction—Oak. 1¼ in. thick soapstone working surface. The front and ends are glazed with double strength glass.

Finish—No. 1 or No. 2 Oak.

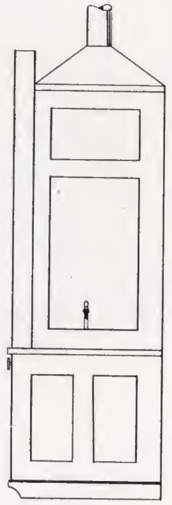
Fixtures—1 remote control pantry cock, 1 remote control double long spout gas cock.

Weight crated—No. D-982—780 lbs.; No. D-983—830 lbs.; No. D-986—560 lbs.; No. D-987—620 lbs.

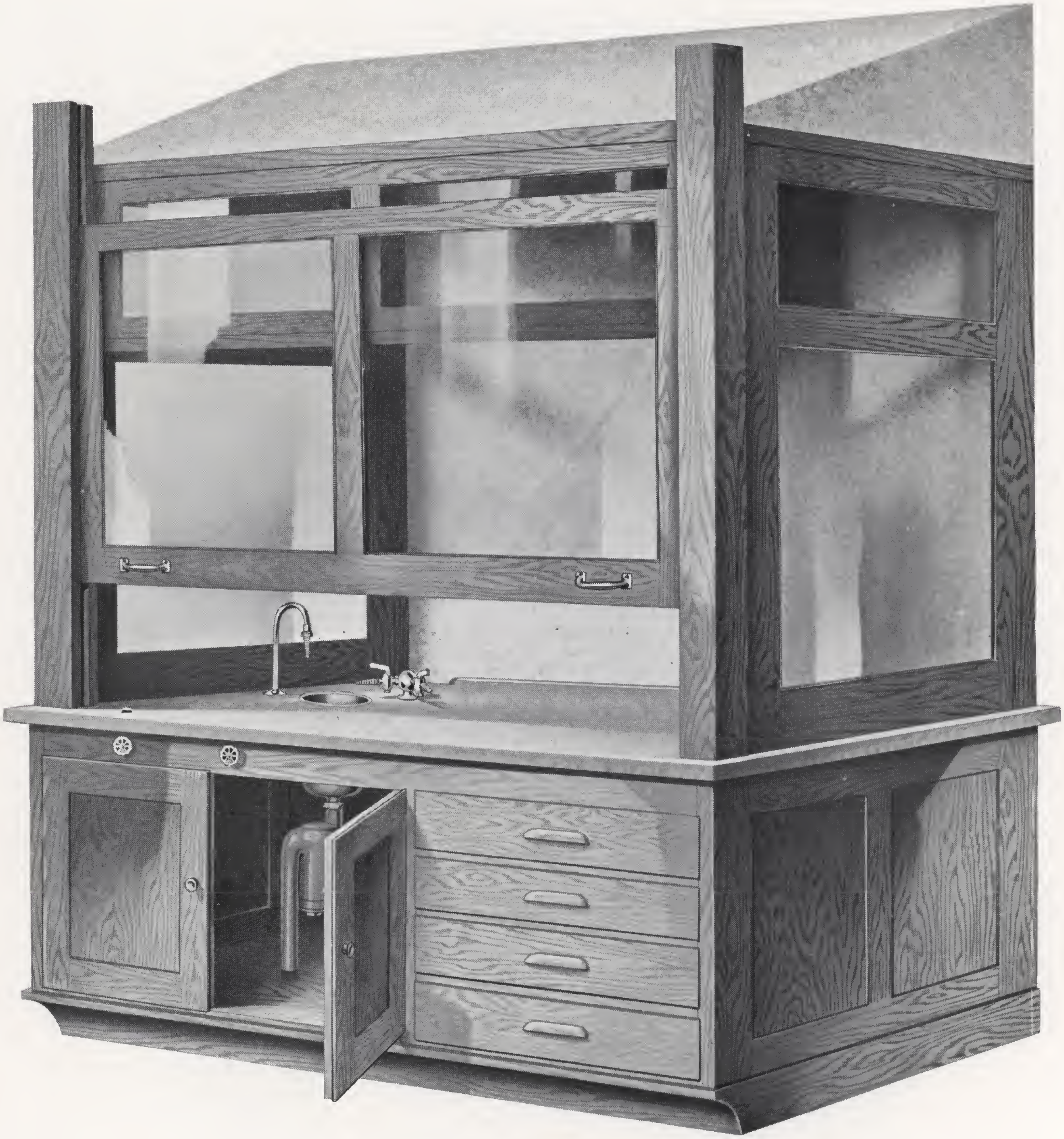
No. D-982—Fume Hood 5 ft. wide, 30 in. deep.
No. D-983—Fume Hood 5 ft. wide, 36 in. deep.
No. D-986—Fume Hood 3 ft. wide, 30 in. deep.
No. D-987—Fume Hood 3 ft. wide, 36 in. deep.



No D-986



End View



No. D-990

No. D-990 SLIDING SASH FUME HOOD

This design of hood combines a wood upper section having glazed ends and front with an asbestos baffle plate and canopy, and soapstone working surface. The lower section of the hood includes a large double cupboard and four drawers, and a hemispherical lead sink, water, and gas are provided. The combination of baffle plate and sliding sash makes this hood a combination open front and closed front type, and allows it to meet any laboratory hood requirement. The interior of the hood is finished in chemical resisting aluminum bronze paint. Combining, as it does, a number of very desirable features with reasonable cost, this hood is very popular and widely used.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall		5 ft. 2 in.	8 ft. 6 in.	31 in.
Hood		5 ft.	5 ft. 6 in.	30 in.
4 drawers		22½ in.	5¼ in.	23¾ in.
1 double cupboard		31½ in.	27 in.	27 in.
1 lead cup sink	6 in. diameter.			

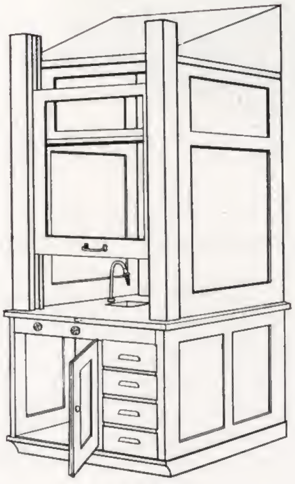
Construction—Oak. Soapstone working surface 1¼ inch thick. Top of hood is ½ inch transite asbestos. Front and ends are glazed with double strength glass.

Finish—No. 1 or No. 2 Oak.

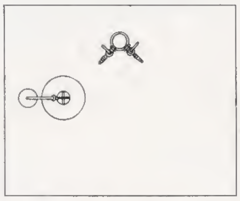
Fixtures—1 remote control pantry cock, 1 remote control long spout gas cock.

Weight crated—No. D-990—1020 lbs.; No. D-991—1110 lbs.;
No. D-993— 810 lbs.; No. D-994— 890 lbs.

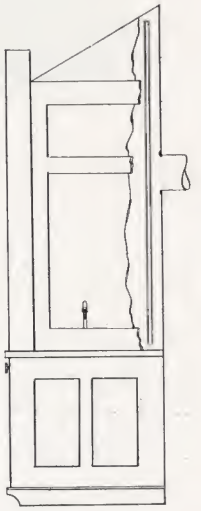
No. D-990—Fume Hood 5 ft. wide, 30 in. deep.
No. D-991—Fume Hood 5 ft. wide, 36 in. deep.
No. D-993—Fume Hood 3 ft. wide, 30 in. deep.
No. D-994—Fume Hood 3 ft. wide, 36 in. deep.



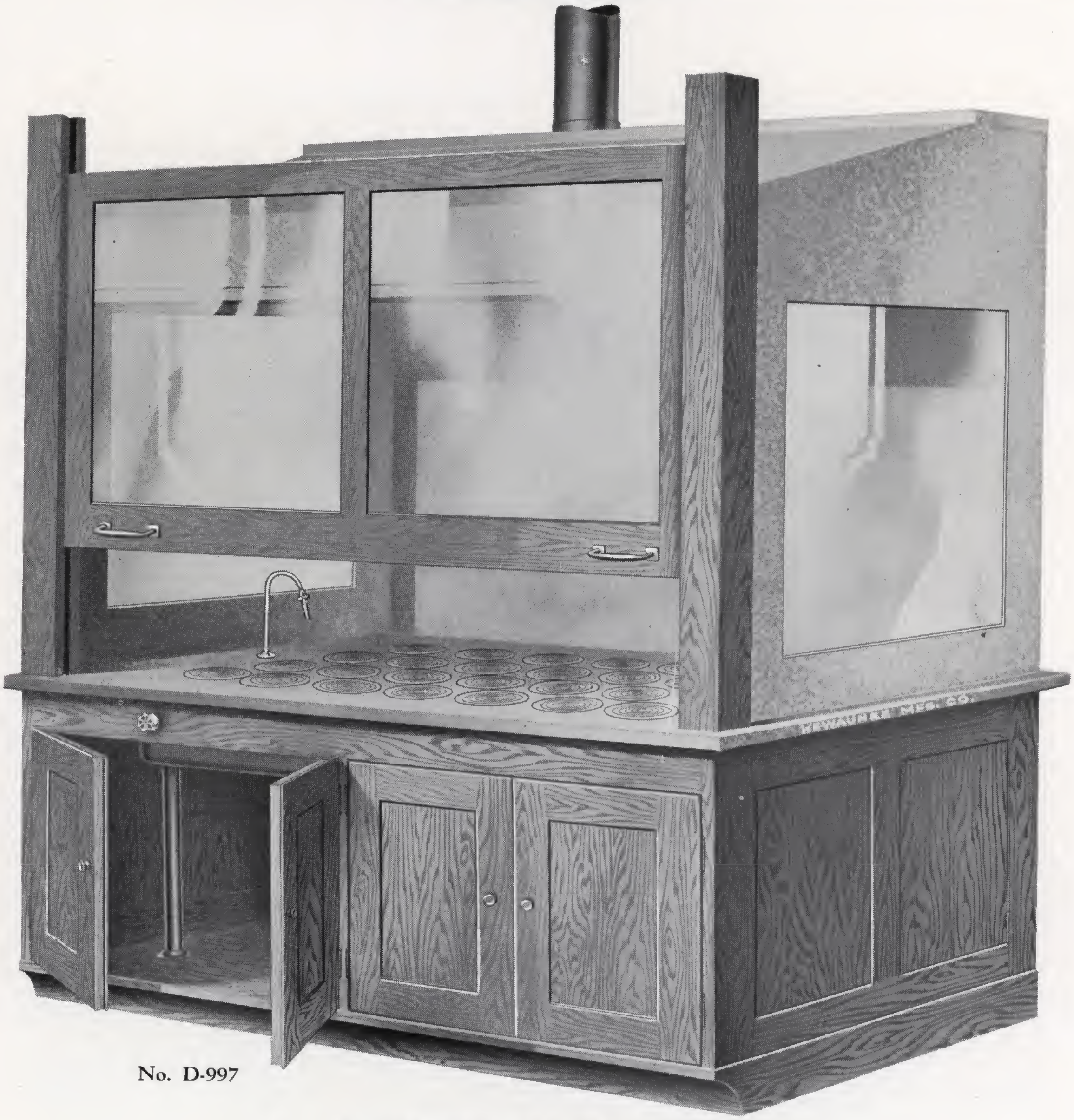
No. D-993



Plan of working surface.



End View.



No. D-997

No. D-997 STEAM BATH HOOD

This steam bath hood is constructed of stone and transite asbestos and is practically indestructible. A maximum number of concentric ring openings are accommodated.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall		5 ft. 2 in.	7 ft.	37 in.
Hood		5 ft.	4 ft.	36 in.
2 double cupboards		27¾ in.	27 in.	33 in.
1 stone steam bath	45½ in.	27½ in.		9 in.

Construction—Hood ¾ in. transite asbestos, 1½ in. stone top. Frame of the sliding sash, weight boxes and lower section are constructed of solid selected oak. Sliding sash and ends are glazed with double strength glass.

Finish—Oak parts No. 1 or No. 2 Oak.

Fixtures—1 remote control pantry cock. Steam bath equipped with 28, 5 in., 5 piece, nests of porcelain concentric rings, steam coil and drain.

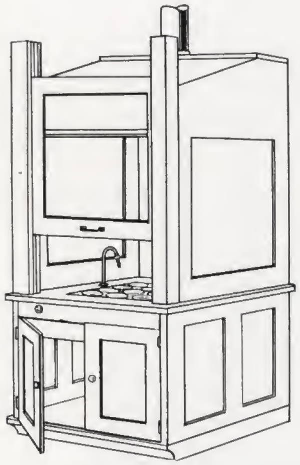
Weight crated, No. D-997, 1080 lbs.; No. D-998, 990 lbs.; No. D-1001, 870 lbs.; No. D-1002, 820 lbs.

No. D- 997—Steam Bath Hood, 5 ft. wide, 36 in. deep, 28 concentric ring openings.

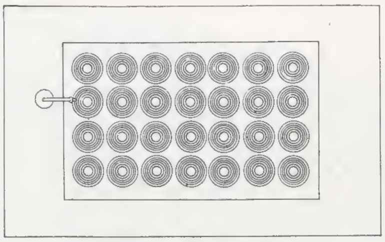
No. D- 998—Steam Bath Hood, 5 ft. wide, 30 in. deep, 21 concentric ring openings.

No. D-1001—Steam Bath Hood, 3 ft. wide, 36 in. deep, 16 concentric ring openings.

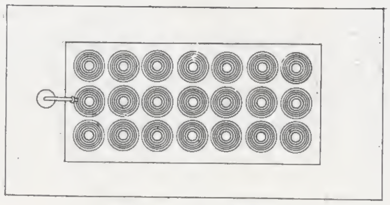
No. D-1002—Steam Bath Hood, 3 ft. wide, 30 in. deep, 12 concentric ring openings.



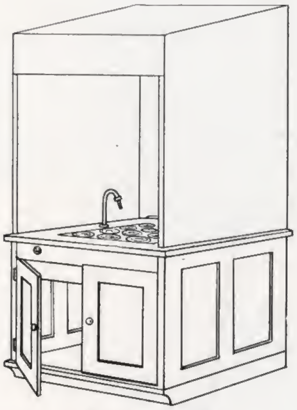
No. D-1001



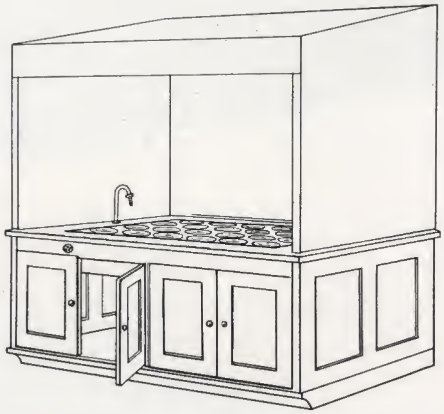
Plan No. D-997



Plan No. D-998



No. D-1003



No. D-1005

No. D-1005 STEAM BATH HOOD

The No. D-1005 Steam Bath Hood is an open front type of hood having a baffle plate, and is recommended for use in those places where sufficient velocity of air can be carried through the hood to remove all steam and fumes without the necessity of using a lifting door.

No. D-1005 SPECIFICATIONS

	Length	Width	Height	Depth
Overall		5 ft. 2 in.	7 ft.	37 in.
Hood		5 ft.	4 ft.	36 in.
2 double cupboards		27¾ in.	27 in.	33 in.
1 stone steam bath	45½ in.	27½ in.		9 in.

Construction—Hood ¾ in. transite asbestos, 1½ in. stone top. Lower section constructed of solid selected oak.

Finish—Oak parts No. 1 or No. 2 Oak.

Fixtures—1 remote control pantry cock. Steam bath equipped with 28, 5 in., 5 piece nests of porcelain concentric rings, steam coil and drain.

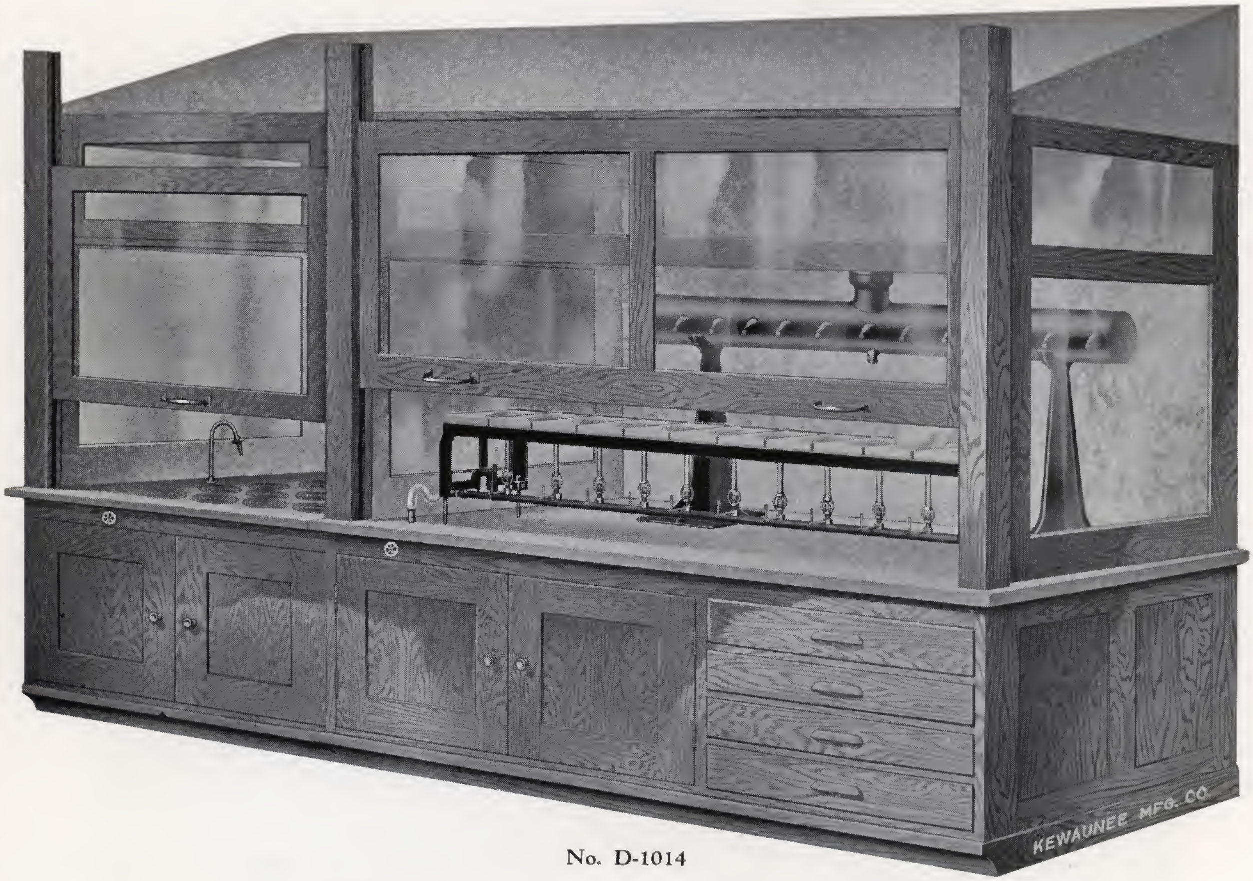
Weight crated, No. D-1005, 860 lbs.; No. D-1006, 820 lbs.; No. D-1008, 720 lbs.; No. D-1009, 590 lbs.

No. D-1005—Steam Bath Hood, 5 ft. wide, 36 in. deep, 28 concentric ring openings.

No. D-1006—Steam Bath Hood, 5 ft. wide, 30 in. deep, 21 concentric ring openings.

No. D-1008—Steam Bath Hood, 3 ft. wide, 36 in. deep, 16 concentric ring openings.

No. D-1009—Steam Bath Hood, 3 ft. wide, 30 in. deep, 12 concentric ring openings.



No. D-1014

No. D-1014 COMBINATION STEAM BATH AND KJELDAHL HOOD

This hood combines a 12 opening steam bath section three feet in length, with a Kjeldahl Compartment containing the Kewaunee No. D-1025 Kjeldahl apparatus arranged to take 12 flasks. A combination of the steam bath unit and the Kjeldahl apparatus, makes this hood an excellent one for research and industrial laboratories as well as for Agricultural and other Chemistry Laboratories in colleges. The front, ends, and the division between the steam bath and Kjeldahl compartments are glazed and the canopy and back are asbestos. The working surface and steam bath are soapstone. Large cupboards and four drawers are supplied in the lower section. Fumes are exhausted out the back of the hood as illustrated in End View.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall		9 ft. 2 in.	8 ft. 6 in.	31 in.
Hood		9 ft.	5 ft. 6 in.	30 in.
2 double cupboards		32½ in.	27 in.	27 in.
4 drawers		32¾ in.	5¼ in.	23¾ in.
1 stone steam bath	27 in.	20 in.		9 in.

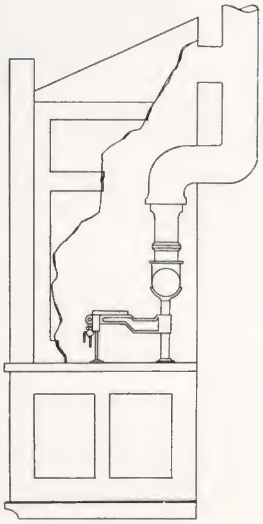
Construction—Oak. Stone top is 1½ in. thick. Canopy hood is ½ in. transite asbestos. Front and ends are glazed with double strength glass.

Finish—No. 1 or No. 2 Oak.

Fixtures—1 remote control pantry cock. Steam bath equipped with 12, 5 in., 5 piece, nests of porcelain concentric rings, steam coil and drain. One Duriron Kjeldahl Tube to take 12 flasks, mounted on cast iron stand and having a 12 burner gas heater.

Weight crated, No. D-1014, 1,750 lbs.

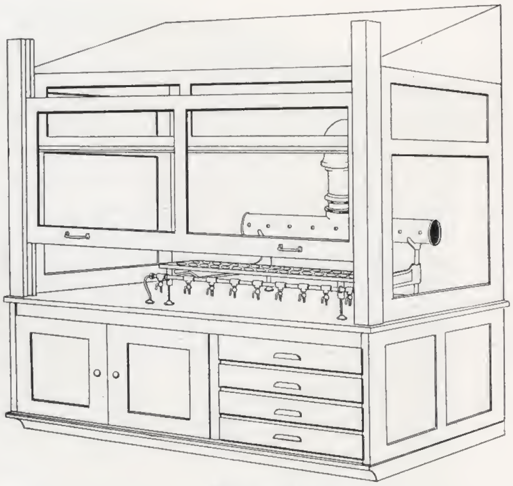
No. D-1014—Combination Steam Bath and Kjeldahl Hood, 30 in. deep, 12 concentric ring openings.



End View.

No. D-1018 KJELDAHL HOOD

The Kjeldahl Hood illustrated is the right hand or Kjeldahl compartment of the combination hood shown on the opposite page. This hood is convenient in size for use where a Kjeldahl apparatus is required.



No. D-1018

SPECIFICATIONS

	Width	Height	Depth
Overall	6 ft. 2 in.	8 ft. 6 in.	31 in.
Hood	9 ft.	5 ft. 6 in.	30 in.
1 double cupboard	32½ in.	27 in.	27 in.
4 drawers	32¾ in.	5¼ in.	23¾ in.

Construction—Oak. Stone top is 1¼ inch thick.

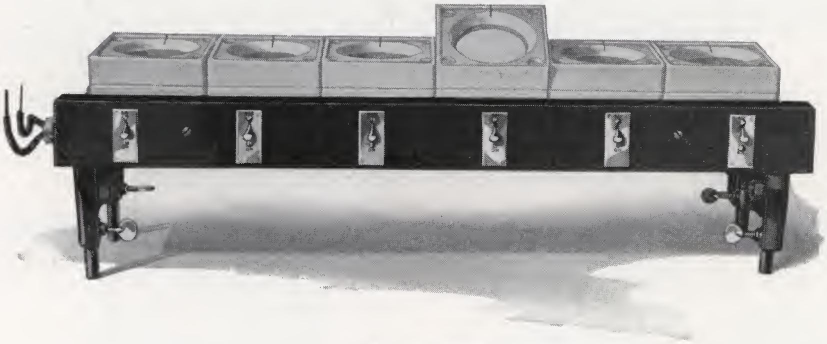
Canopy of hood is ½ inch transite asbestos. Front and ends are glazed with double strength glass.

Finish—No. 1 or No. 2 Oak.

Fixtures—One Duriron Kjeldahl Tube to take 12 flasks, mounted on cast iron stand and having a 12 burner gas heater.

Weight crated, No. D-1018—1140 lbs.

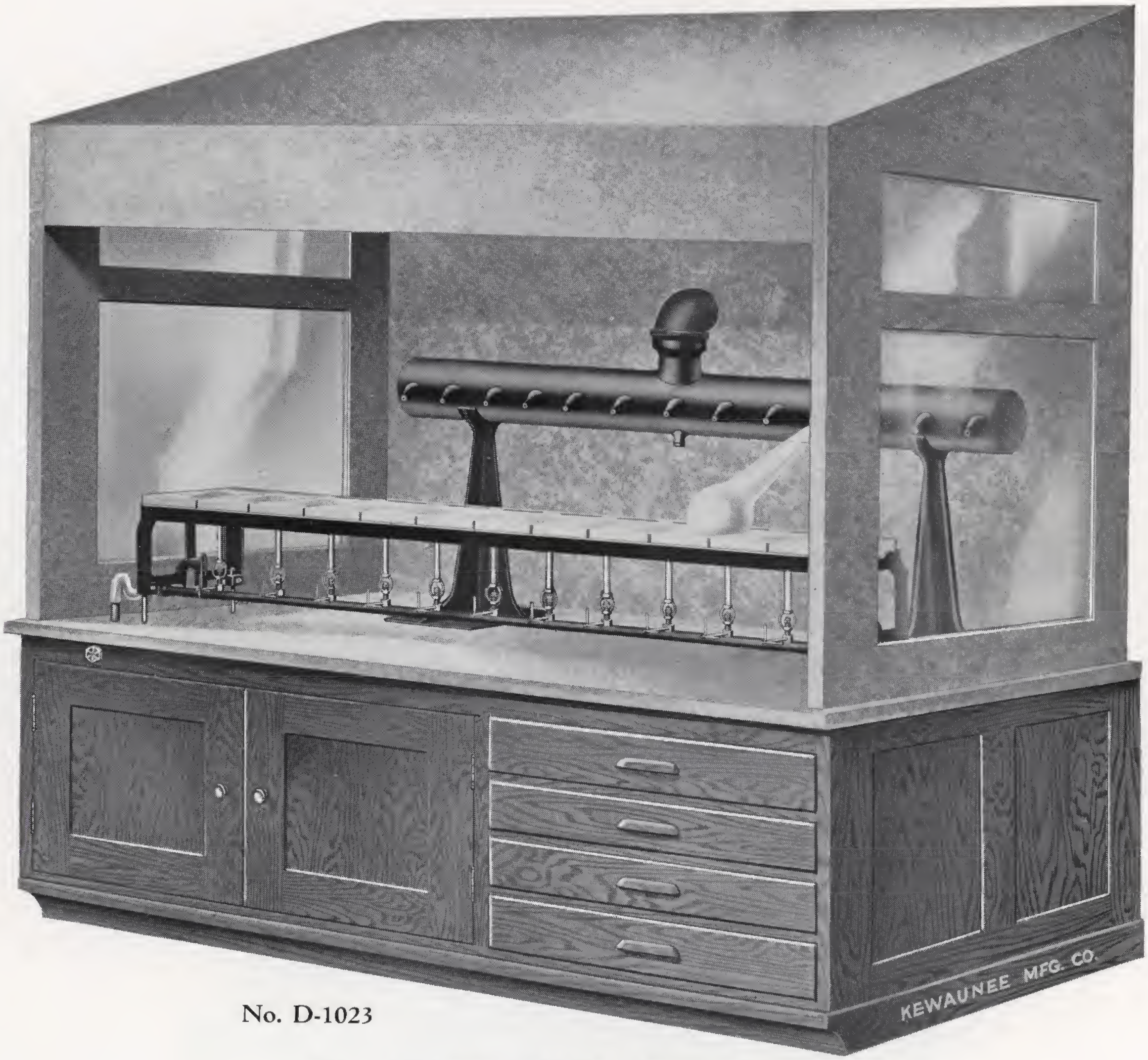
No. D-1018—Kjeldahl Hood, 30 in. deep.



No. D-1020

No. D-1020 ELECTRIC HEATERS FOR KJELDAHL APPARATUS

In some cases the use of electric heating is preferred to gas and in other instances gas is not available. The electric burners shown above may be substituted for the gas units regularly furnished with No. D-1025 Kjeldahl Apparatus and when this is done, two 6 burner units as illustrated above are used. Each heater has an individual electric switch and each stand carrying six units is adjustable in height to take care of different lengths of flasks.


KEWAUNEE MFG. CO.

No. D-1023

No. D-1023 KJELDAHL HOOD

The Kjeldahl Hood illustrated above is similar to the Kjeldahl Hood shown on the preceding page, except that it is an open front type of hood. Since the fumes generated in the use of the Kjeldahl Hood are all carried directly into the Kjeldahl Apparatus, there is very little fume escape into the fume Chamber, and ordinarily, lifting doors are not necessary. The top and glazed ends of this hood are furnished in either soapstone or transite asbestos, as desired. The back is transite asbestos and the counter is 1¼ inch thick soapstone. The lower section has one large double cupboard and four drawers.

SPECIFICATIONS

	Width	Height	Depth
Overall	6 ft. 2 in.	8 ft. 6 in.	31 in.
Hood	9 ft.	5 ft. 6 in.	30 in.
1 double cupboard	32½ in.	27 in.	27 in.
4 drawers	32¾ in.	5¼ in.	23¾ in.

Construction—Hood 1¼ in. Soapstone. Ends are glazed with double strength glass. 1¼ in. stone working surface. Lower section is constructed of solid selected oak.

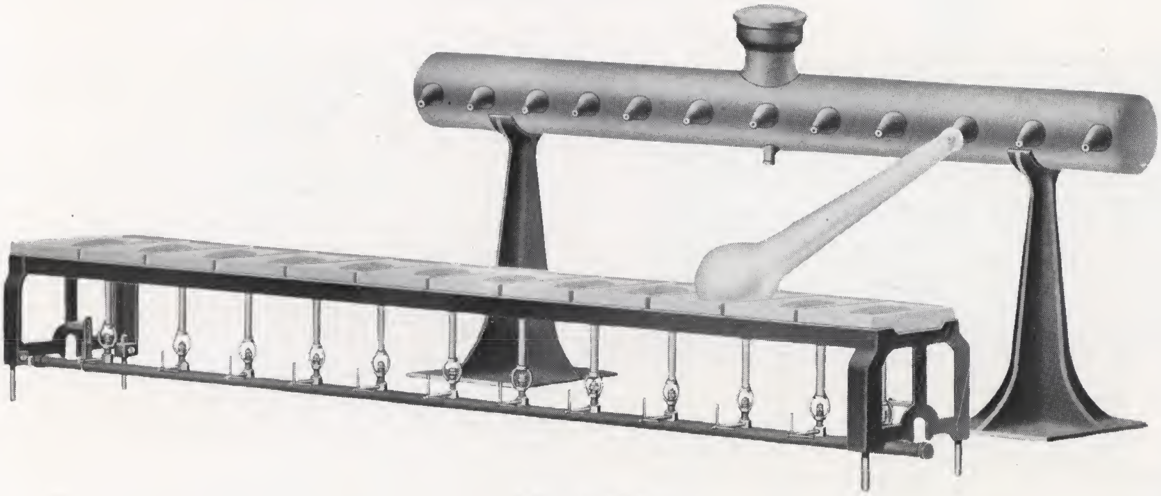
Finish—No. 1 or No. 2 Oak.

Fixtures—One Duriron Kjeldahl Tube to take 12 flasks, mounted on cast iron stand, and having a 12 burner gas heater.

Weight crated—No. D-1023—1290 lbs.,
No. D-1024—1070 lbs.

No. D-1023—Kjeldahl Hood, Soapstone ends and top.

No. D-1024—Kjeldahl Hood, Transite Asbestos.



No. D-1025

No. D-1025 KJELDAHL APPARATUS

The Kjeldahl Apparatus for the above, is designed to accommodate 12 flasks and includes the Duriron Fume Duct as illustrated, mounted on a heavy cast iron stand, and a 12 burner gas heater. The Gas Heater stand is adjustable in height to take care of different lengths of flasks and is provided with 12 clay plates as illustrated in figures A and B, shaped to fit, 500 cubic C.C. flasks on one side and 800 C.C. flasks on the reverse side. No. D-1025 shows the nipple type Kjeldahl exhaust duct, but this unit can also be had with holes, into which the necks of flasks can be inserted, in lieu of the protruding nipples. Where the Duriron Exhaust pipe is furnished with holes in lieu of nipples, smaller holes provided with plugs are set directly above the flask holes, so that tubes can be inserted for wet ashing. A plug drain is furnished to allow drainage of condensation in both types of Duriron Duct.

No. D-1025—Duriron Kjeldahl Apparatus as illustrated.

No. D-1026—Duriron Kjeldahl Apparatus having 12 holes in lieu of 12 nipples shown.

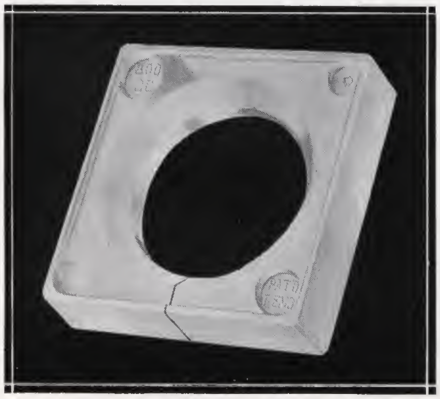


Fig. A

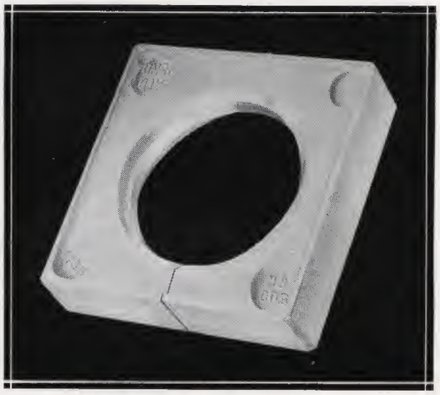
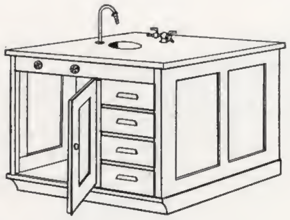
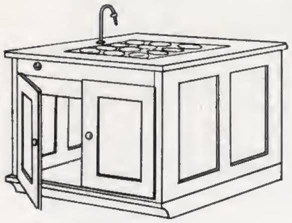


Fig. B



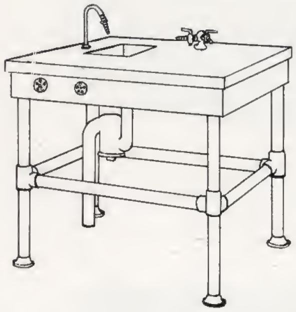
No. D-1030—36 inch wide.
30 inch deep.

No. D-1031—36 inch wide.
36 inch deep.



No. D-1036—36 inch wide.
30 inch deep.

No. D-1037—36 inch wide.
36 inch deep.

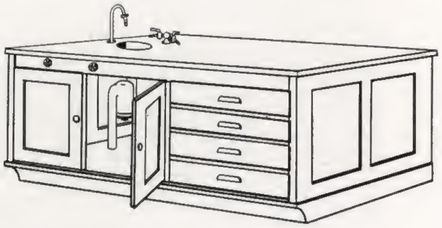


No. D-1042—36 inch wide.
30 inch deep.

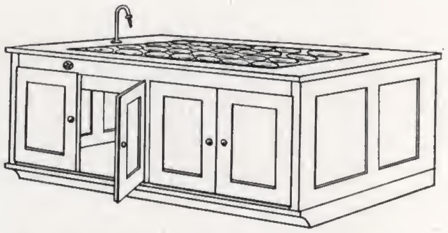
No. D-1043—36 inch wide.
36 inch deep.

HOOD BASES

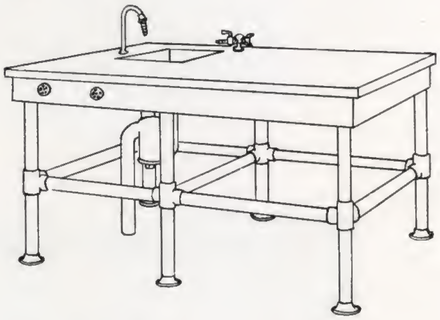
Where highly specialized requirements make necessary the use of specially designed fume hood chambers, it is often still possible to retain the use of standard fume hood bases or lower sections as illustrated. All of the fume hood bases used in connection with our line of fume hoods, can be had without the upper section and are all shown herewith. Detailed specifications and dimensions for each of these lower sections are carried on the preceding pages.



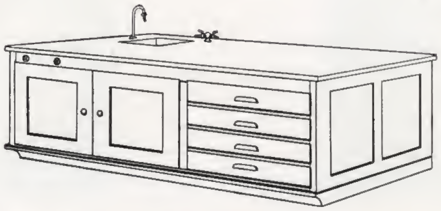
No. D-1033—5 ft. wide, 30 in. deep.
No. D-1034—5 ft. wide, 36 in. deep.



No. D-1039—5 ft. wide, 30 in. deep.
No. D-1040—5 ft. wide, 36 in. deep.



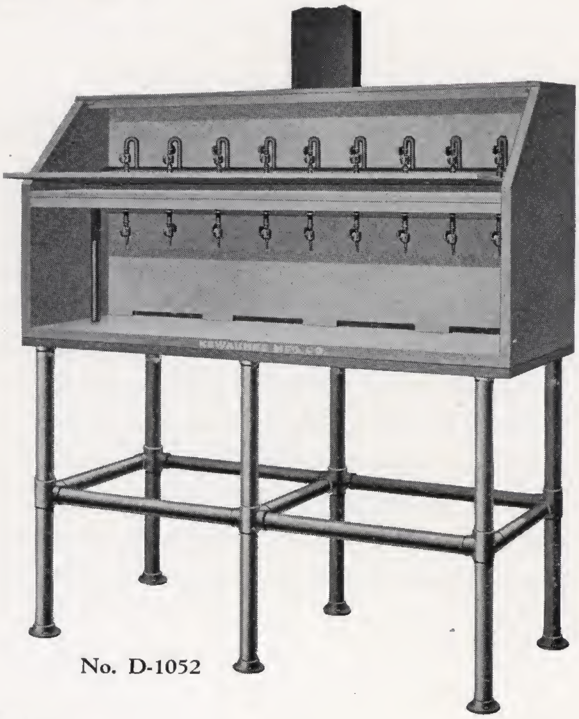
No. D-1045—5 ft. wide, 30 in. deep.
No. D-1046—5 ft. wide, 36 in. deep.



No. D-1048—5 ft. wide, 30 in. deep.

No. D-1052 HYDROGEN SULPHIDE HOOD

This Hydrogen Sulphide Hood makes it possible to distribute Hydrogen Sulphide without fume escape, and the installation of this hood will help materially in controlling this very unpleasant gas in the laboratory. Nine H_2S outlets are provided, each of which has a hard rubber ground seat stop cock at the outlet and another in the private locked compartment above. The instructor only has access to the upper locked compartment and all of the H_2S outlets can be shut off in this compartment and thus controlled by the instructor. H_2S fumes that escape while containers are being filled, are withdrawn through the aperture in the baffle plate of the hood, directly behind the H_2S piping, and all fumes are removed through the duct at the top of the hood as illustrated. H_2S piping is lead tubing. The H_2S Hood is constructed throughout of transite asbestos and is mounted on a 1¼ in. diameter pipe frame that is painted with acid resisting asphaltum paint, or aluminum bronze as desired.



No. D-1052

SPECIFICATIONS

	Width	Height	Depth
Overall	5 ft.	5 ft. 10 in.	19½ in.
Hood	5 ft.	30 in.	19½ in.

Construction—H_2S Hood is constructed of transite asbestos, mounted on a wood frame and supported by 1¼ in. pipe supports.

Finish—Pipe supports painted with acid resisting black asphaltum paint, or aluminum bronze as desired.

Fixtures—9—H_2S outlets.

Weight crated, No. D-1052, 650 lbs.

No. D-1052—Hydrogen Sulphide Hood.

No. D-1053 HYDROGEN SULPHIDE HOOD

This hood is identical with the No. D-1052 Hood illustrated and described above, but is a double type free standing hood having nine Hydrogen Sulphide outlets on each side.

SPECIFICATIONS

	Width	Height	Depth
Overall	5 ft	5 ft. 10 in.	36 in.
Hood	5 ft	30 in.	36 in.

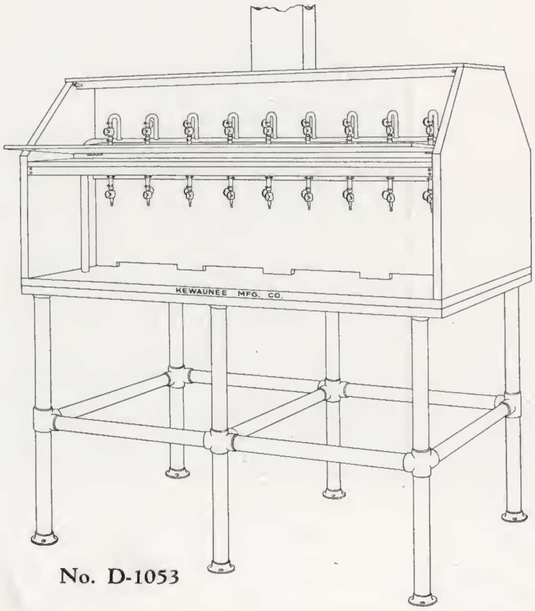
Construction—H_2S hood is constructed of transite asbestos mounted on wood frame and supported by 1¼ in. pipe supports.

Finish—Pipe supports painted with acid resisting black asphaltum paint.

Fixtures—18 H_2S outlets.

Weight crated, D-1053, 820 lbs.

No. D-1053—Hydrogen Sulphide Hood.



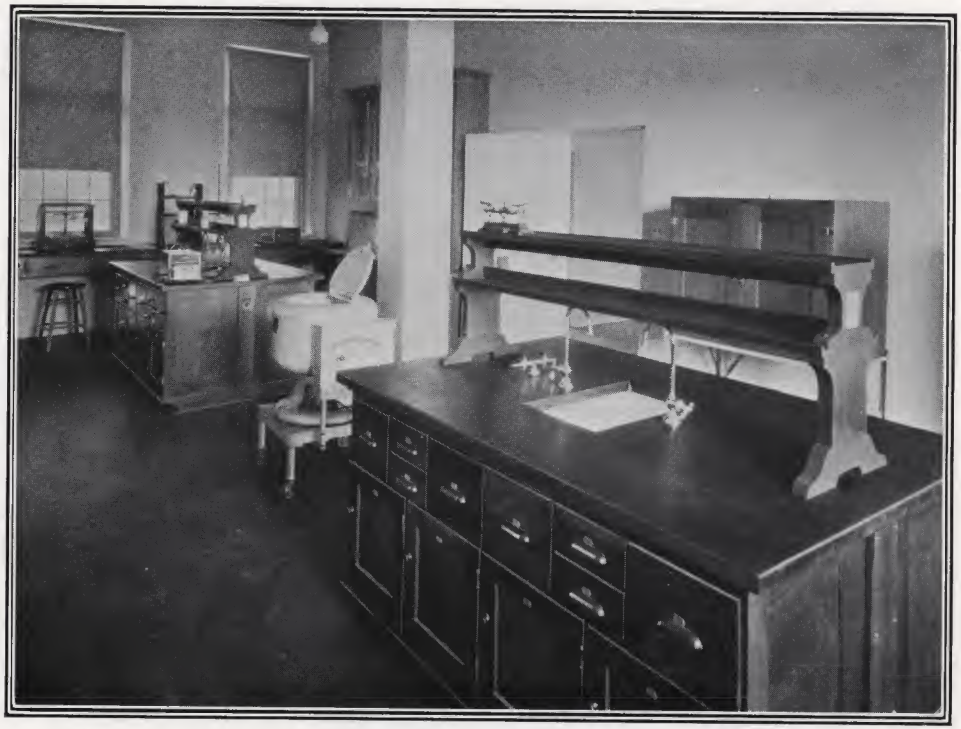
No. D-1053

MEDICAL, DENTAL AND CLINICAL LABORATORY FURNITURE

Furniture for the various branches of the Medical College, Dental College, and Clinical College Laboratories, have never been as definitely standardized as furniture for other departments, because of the wide variance in requirements. A great many of the departments in the Medical and Dental College are of course, using standardized equipment taken from the Biology and Chemistry sections of this book. It is almost necessary, however, that specially designed furniture be used in some of the more highly specialized laboratories.

We offer for your consideration, certain pieces of furniture that have been used more or less widely and that meet the principal requirements of some of the larger laboratories.

We will be glad to advise you, regarding your furniture requirements for a complete medical school and dental college, and our engineering department is at your service in developing laboratory furniture to meet your particular requirements.



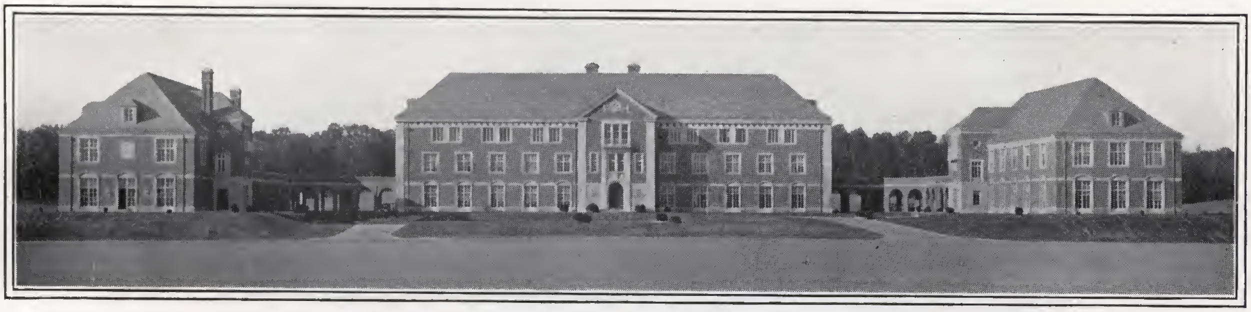
CHEMICAL LABORATORY
UNIVERSITY OF COLORADO MEDICAL SCHOOL AND HOSPITAL, DENVER, COLORADO

THE PILOT LIFE INSURANCE COMPANY'S NEW HOME

The photograph below is an exterior view of the three large buildings connected by ornamental arcades which house the Pilot Life Insurance Company of Greensboro, North Carolina. The very beautiful and very modern plant of this company affords over 60,000 square feet of floor space, and is devoted exclusively to the needs of the insurance organization.

One of the very important branches of activity at the Pilot Life Insurance Company is represented in the very modern laboratory and X-ray rooms that are used in connection with medical observations conducted by experts. In equipping the laboratory, as in designing and equipping all other parts of the Pilot Life Insurance Company's new home, the finest, most modern and most complete laboratory furniture available was required. Kewaunee was selected, and the unsolicited letter reproduced on the next page demonstrates that Kewaunee furniture and service fully met these requirements.

The life insurance field is only one of many commercial activities where the use of properly designed and properly equipped laboratories is essential to successful control of the business, and "the assistance and service of our representatives" is at the disposal of any interested executives and will leave "nothing to be desired."



PILOT LIFE INSURANCE COMPANY'S NEW HOME, GREENSBORO, NORTH CAROLINA

THE PILOT
PILOT MOUNTAIN · NORTH CAROLINA

PILOT LIFE INSURANCE COMPANY

HOME OFFICE

GREENSBORO, NORTH CAROLINA

A.W. MCALISTER, PRESIDENT
R.G VAUGHN, VICE PRESIDENT
H S. RICHARDSON, VICE PREST.
A.M. SCALES, VICE PRESIDENT.
H.B. GUNTER, VICE PRESIDENT
ARTHUR WATT, SECY. & ACTUARY.
H.F. STARR, M.D., MEDICAL DIRECTOR.
T.D. BLAIR, AGENCY MANAGER.
T D DUPUY, ASS'T. TREASURER

Mr. J. A. Campbell,
Kewaunee Manufacturing Co.,
Kewaunee, Wis.

December 11, 1928

Dear Mr. Campbell:

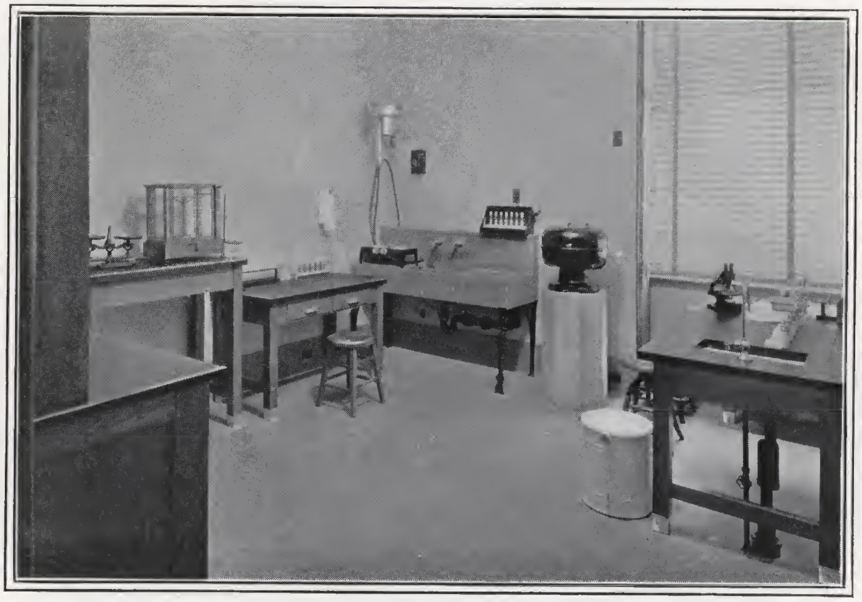
The equipment purchased from the Kewaunee Manufacturing Company for the chemical laboratory in the new Home Office of the Pilot Life Insurance Company is satisfactory in every respect.

The assistance and service of your representatives left nothing to be desired as everything was handled to our entire satisfaction.

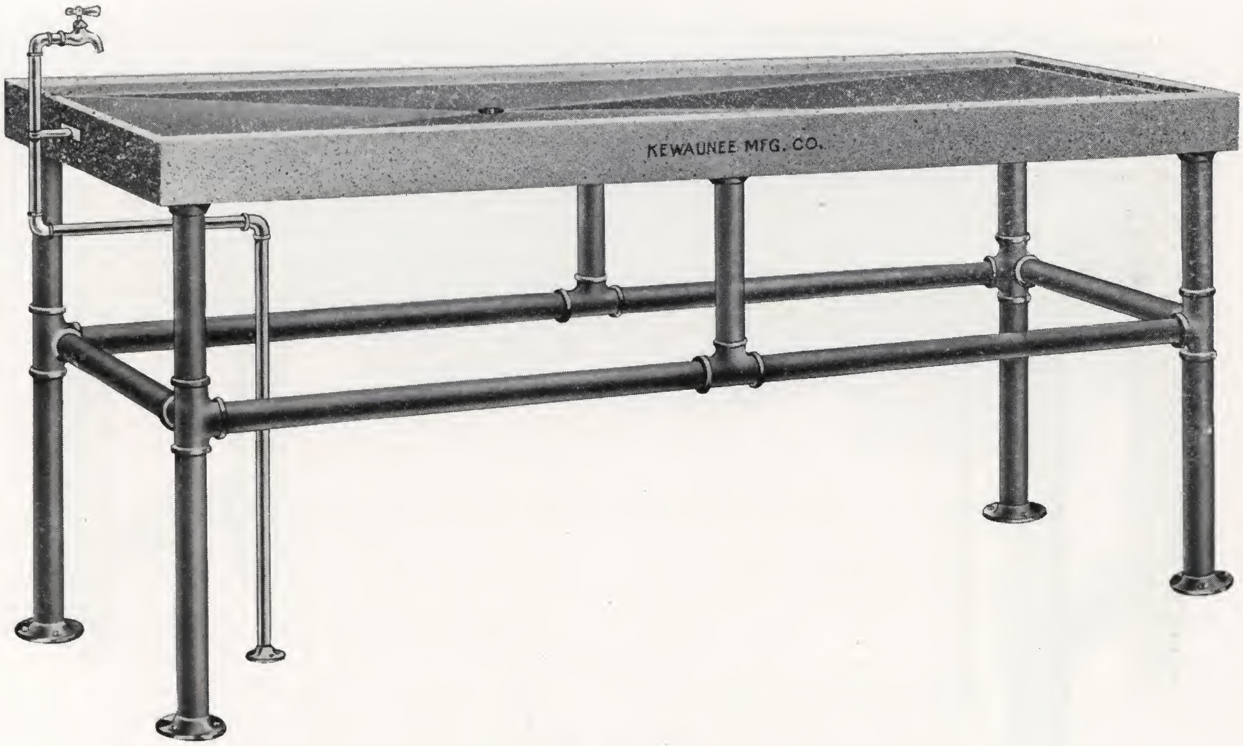
Yours very truly,

H. F. Starr
Medical Director

HFS-am



KEWAUNEE EQUIPPED LABORATORY AT THE PILOT'S NEW HOME OFFICE
GREENSBORO, NORTH CAROLINA



No. E-1075

No. E-1075 DISSECTING TABLE

The working surface and continuous ledge of this Dissecting Table are built up of 1¼ inch and 1½ inch thick soapstone, and the surface slopes from all sides to the center drain. A hook is fastened to the under side of the working surface near the drain outlet for suspending a receptacle to catch drainage. A fixed tray bibb supplies water just inside the rim at one end of the table, or a swinging spout pantry cock will be furnished in lieu of the fixed tray bibb if desired. The working surface is mounted on a 1¼ inch pipe leg frame supporting the top of the working surface at the ends and center. The soapstone is not absorbent and may be readily kept clean. Pipe legs are painted with asphaltum paint or aluminum bronze as desired.

SPECIFICATIONS

	Length	Width	Height
Overall	6 ft. 4 in.	24 in.	35 in.

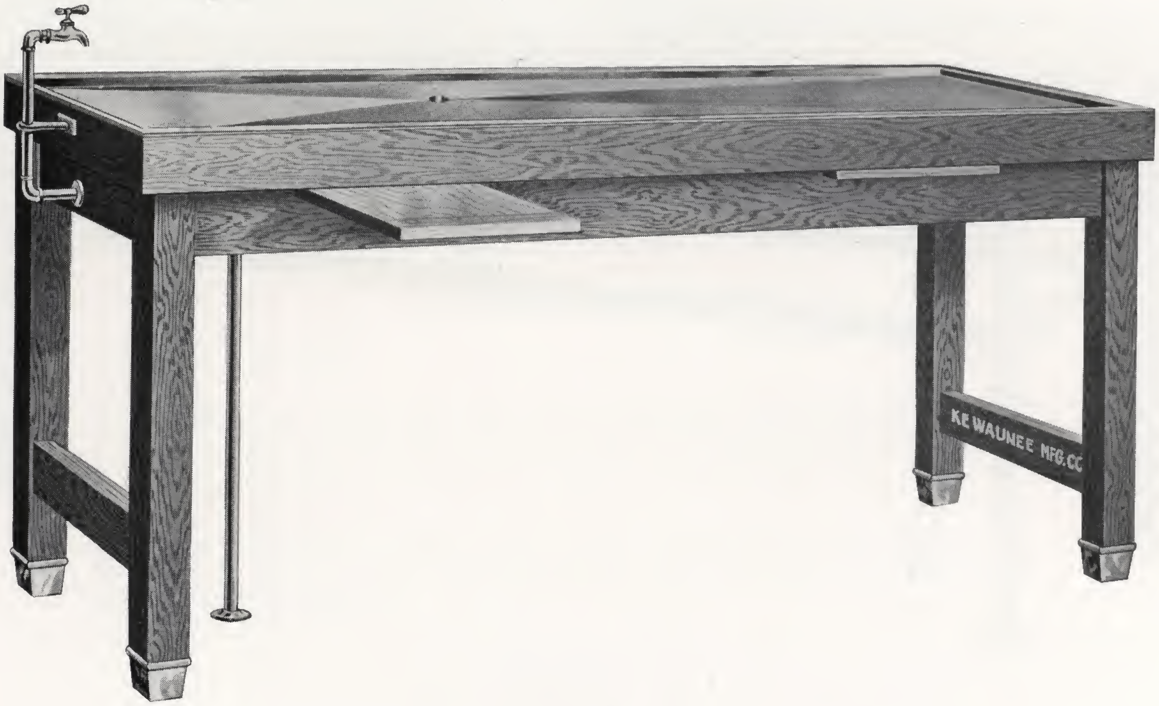
Construction—Stone working surface.

Finish—Pipe legs painted with aluminum bronze or asphaltum paint as desired.

Fixtures—1 cold water tray bibb.

Weight crated, 540 lbs.

No. E-1075—Dissecting table.



No. E-1078

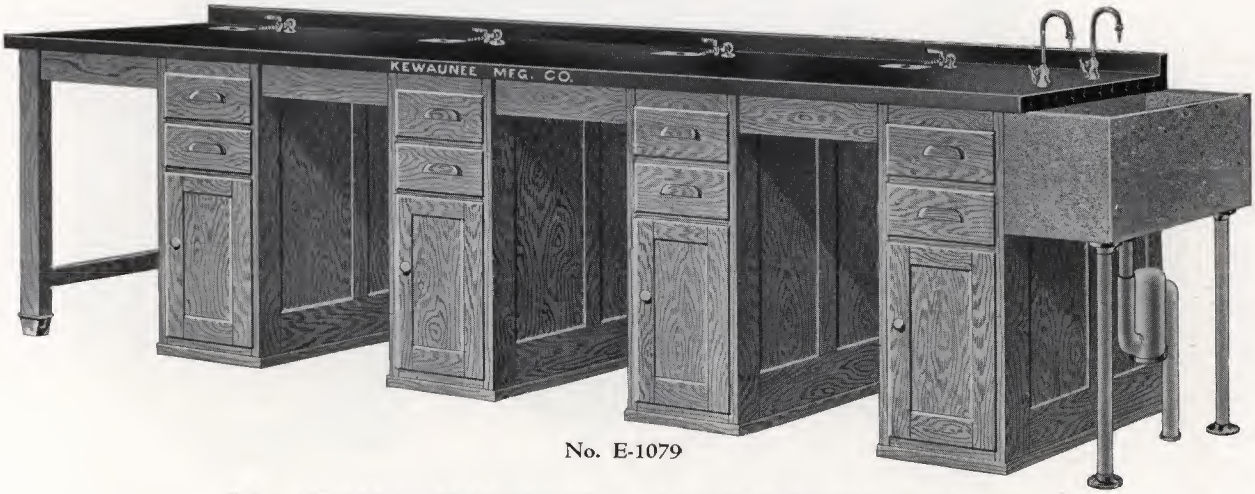
No. E-1078 DISSECTING TABLE

This dissecting table is built of solid selected oak, the inside of the table being lined with heavy zinc having all corners rounded. Working surface drains four ways to a central point where drain opening and shutoff is located. Tray bibb is placed at the end of the table, or a swinging spout pantry cock is furnished if desired. Four sliding writing boards are provided, two on each side of the table.

SPECIFICATIONS

	Length	Width	Height
Overall	6 ft. 4 in.	24 in.	35 in.

Construction—Solid selected oak.
Finish—No. 1 or No. 2 Oak.
Fixtures—1 cold water tray bibb.
Weight crated, 290 lbs.
No. E-1078—Dissecting table.



No. E-1079

No. E-1079 CLINICAL LABORATORY TABLE

An electric flush plate is installed flush in the table top at each student's working space and each student is further provided with one gas hose cock. A large end sink is supplied with hot and cold water by two single pantry cocks. Two deep drawers and a roomy cupboard provide storage accommodations at each working space. A ledge at the back of the table prevents instruments and other objects from being pushed over the edge. This table is furnished in 3 ft. units and may be had in any desired length.

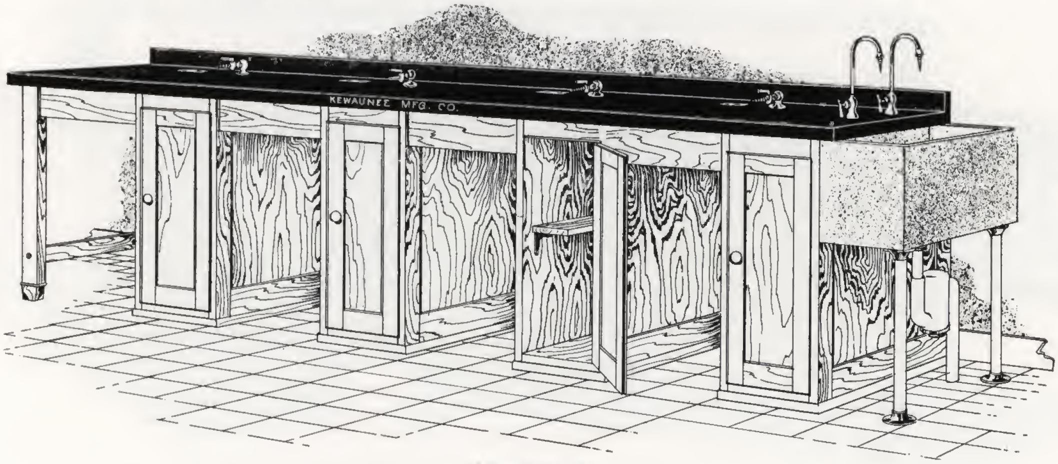
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	26 in.	36 in.	
8 drawers		11 in.	4½ in.	15 in.
4 cupboards		12½ in.	17⅞ in.	21¼ in.
1 stone sink	20 in.	12 in.		12 in.

Construction—Body, built of selected oak. Top is constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.
Finish—Body of Table, No. 1 or No. 2 Oak.
Top, black acid resisting finish.

Fixtures—2 single hot and cold water pantry cocks, 4 single short spout gas cocks, 4 Hubbell Polarized Plugs and receptacles with nickel plated brass plates set flush in table top. Piping complete to floor line for water, gas, waste and conduit for electricity.
Weight, No. E-1079, 1070 lbs.

No. E-1079—Clinical Laboratory Table, without locks.
No. E-1080—Clinical Laboratory Table, masterkeyed locks on drawers and cupboards.


KEWAUNEE MFG. CO.

No. E-1081

No. E-1081 CLINICAL LABORATORY TABLE

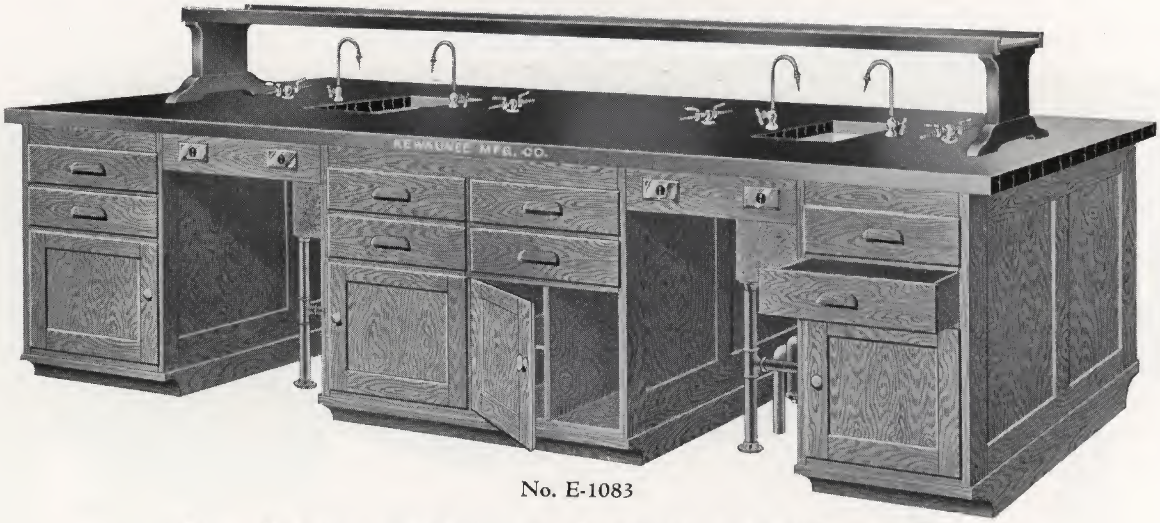
This table has the same water, gas and electrical services as No. E-1079 illustrated above, but the pedestals consist entirely of cupboard space, having one half width shelf fastened to the wall of the cupboard. The table is furnished in 3 ft. units and may be had in any desired length.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	26 in.	36 in.	
4 cupboards		12½ in.	29⅞ in.	21¼ in.
1 stone sink	20 in.	12 in.		12 in.

Construction—Finish—Fixtures—Identical to E-1079 above.
Weight crated, No. E-1081, 1020 lbs.

No. E-1081—Clinical Laboratory Table, without locks.
No. E-1082—Clinical Laboratory Table, masterkeyed locks on cupboards.



No. E-1083

No. E-1083 CLINICAL LABORATORY TABLE

This table accommodates two sections of four students each and allows six linear feet of top working surface to each student. The cupboard accommodates a microscope on one side of the cupboard division and a fixed shelf divides the remaining cupboard space into two compartments for storing small apparatus and instruments. Two large drawers are provided above each cupboard. Two AC electric receptacles are set flush in the rail above each recess, and two soapstone sinks supplied with hot and cold water, and four double gas hose cocks complete the equipment.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft. 3 in.	48 in.	36 in.	
16 drawers		20¾ in.	4 in.	17¼ in.
8 cupboards		22¼ in.	16¾ in.	21 in.
2 stone sinks	20 in.	12 in.		12 in.

Construction—Body, built of selected oak. Top is constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

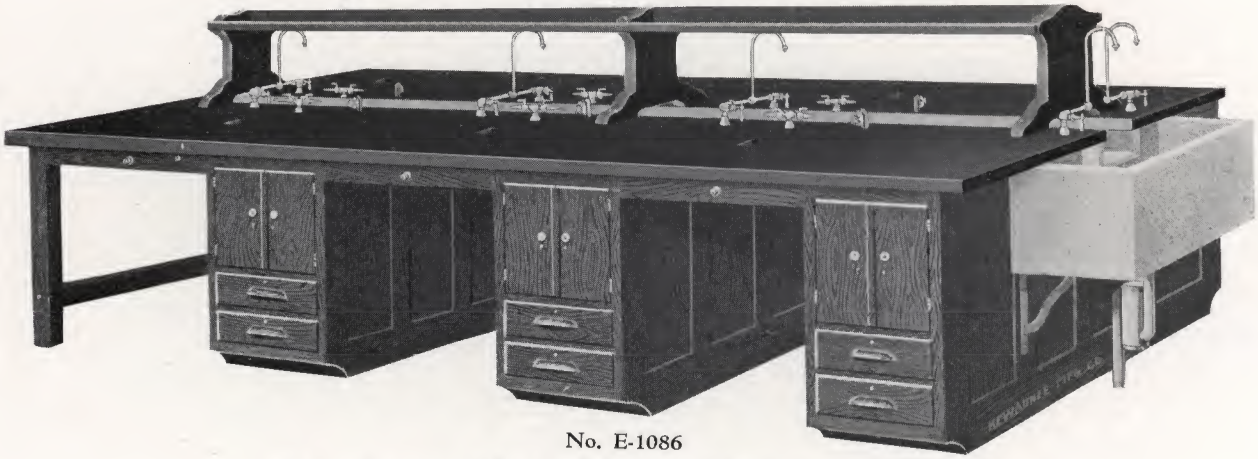
Finish—Body of table No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—2 single cold water pantry cocks, 2 single hot water pantry cocks, 4 double short spout gas cocks, 8 Hubbell AC Polarized Plugs and receptacles with nickel plated brass plates. Piping complete to floor line for water, gas, waste and conduit for electricity.

Weight crated, No. E-1083, 1450 lbs.

No. E-1083—Clinical Laboratory Table, without locks.

No. E-1084—Clinical Laboratory Table, masterkeyed locks on drawers and cupboards.



No. E-1086

No. E-1086 PHARMACOGNOSY TABLE

The Pharmacognosy table illustrated above provides two sections of six students each with private microscope locker and one drawer. A double swinging spout pantry cock, double gas hose cock and single EM condulet fitting are supplied at each working space. An additional convenience in this table is a microscope substage lamp set flush in the table top and controlled by an electric switch mounted in rail of recess. A continuous lead lined trough drains into the large soapstone end sink, and the table is provided with a full length reagent shelf. Where locks are desired, locks alike are furnished on each student's microscope locker and drawer.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	9 ft. 8 in.	44 in.	30 in.	
12 drawers		11¼ in.	3½ in.	16¼ in.
12 cupboards		6 in.	13 in.	19 in.
1 stone sink	20 in.	13 in.		10 in.

Construction—Body, built of selected oak. Top is constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

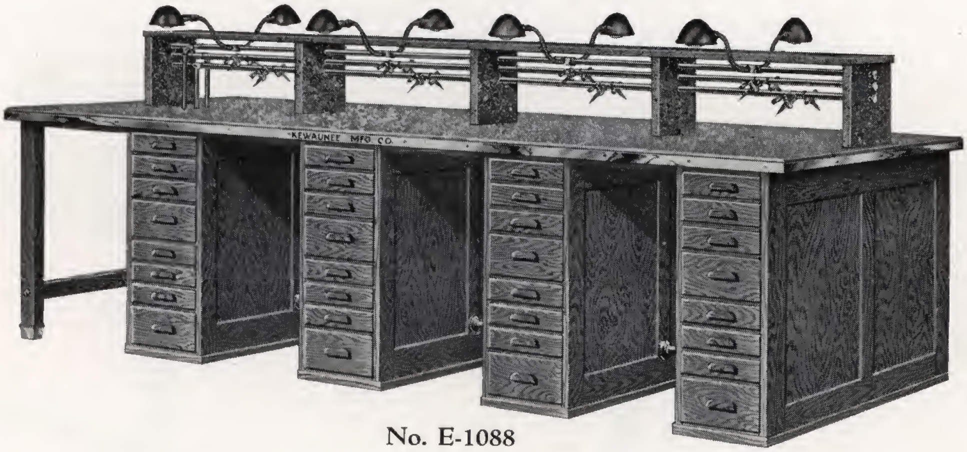
Finish—Body of table No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—3 double and two single cold water pantry cocks, 6 double short spout gas cocks. 6 electric outlets. Piping complete to floor line for water, gas, waste and conduit for electricity.

Weight crated, No. E-1085, 1420 lbs.

No. E-1085—Pharmacognosy Table, without locks.

No. E-1086—Pharmacognosy Table, locks alike on each students microscope locker and drawer.



No. E-1088

No. E-1088 DENTAL TECHNIQUE TABLE

This table is provided with a heavy wood top covered with transite asbestos, and edge bound with monel metal angles. Reagent rack is built of soapstone and carries gas and compressed air lines as well as electric reflectors having flexible supports that allow a strong reflected light to be had at any angle at the student's working space. Three shallow and one deep drawer are provided for each student, and this table accommodates two sections of eight students each, and may be had in varying lengths in units of three feet.

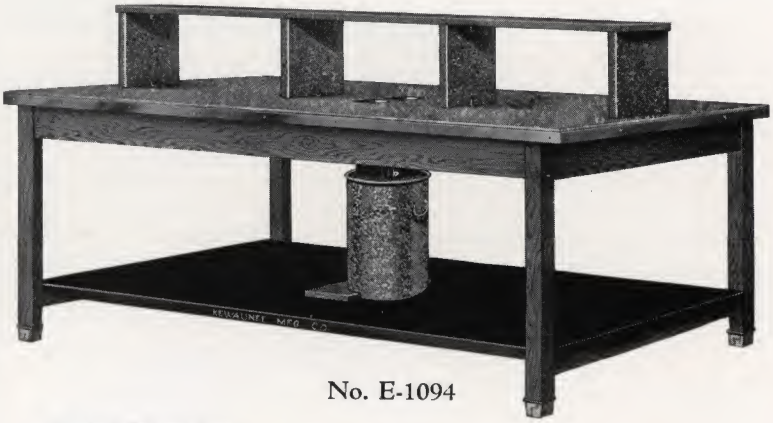
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	42 in.	36 in.	
48 drawers		10½ in.	2 in.	15 in.
16 drawers		10½ in.	4¼ in.	15 in.

Construction—Body, selected oak; top covered with transite asbestos; stone reagent rack.
Finish—No. 1 or No. 2 Oak.
Fixtures—8 air cocks; 8 electric lights with reflectors; 8 gas cocks.
Weight crated, 1450 lbs.
No. E-1088—Locking device locking each four drawers.
No. E-1089—Masterkeyed locks on all drawers.

No. E-1094 DENTAL TECHNIQUE TABLE

This table has soapstone reagent rack, wood top covered with transite asbestos and edge bound with monel metal angles, and is further equipped with a heavy wood shelf which carries a waste can for receiving plaster of paris and other waste. Two openings are provided in table top for dropping waste into can.

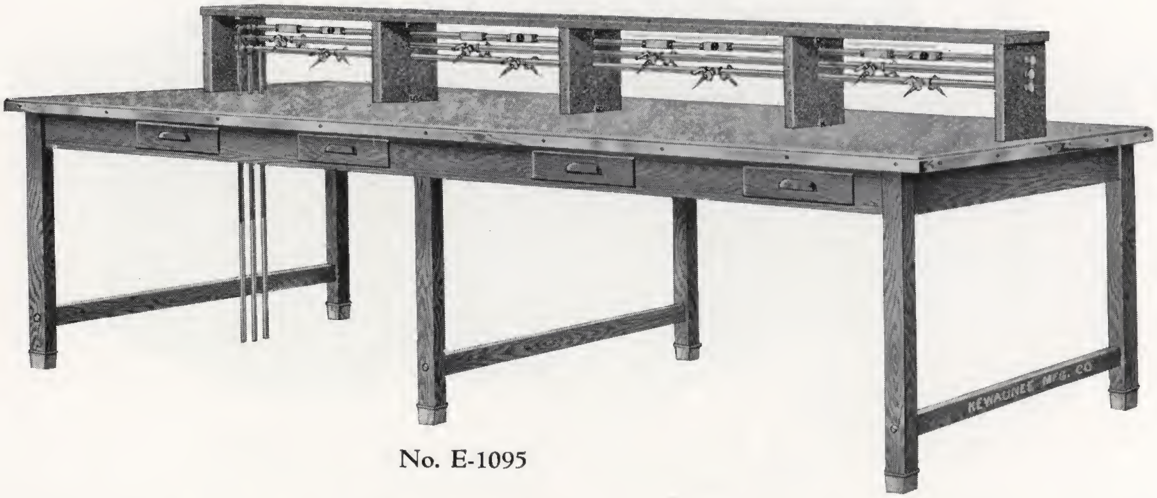


No. E-1094

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	8 ft.	42 in.	40 in.	

Construction—Body, solid selected oak; top covered with transite asbestos; soapstone reagent rack; birch shelf, black acid resisting finish.
Finish—No. 1 or No. 2 Oak.
Fixtures—1 galvanized iron waste receptacle.
Weight crated, 750 lbs.
No. E-1094—Dental Technique table.



No. E-1095

No. E-1095 PROSTHETIC LABORATORY TABLE

Gas, air and electricity are carried in the stone reagent rack on this table, and the top is covered with transite asbestos, edge banded with monel metal angles. Four drawers are provided in rail on each side.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	36 in.	36 in.	
8 drawers		15 in.	3¼ in.	12 in.

Construction—Body, solid selected oak; top covered with transite asbestos, stone reagent rack.

Finish—No. 1 or No. 2 Oak.

Fixtures—8 electrical plugs and receptacles; 4 double long spout gas cocks; 4 double long spout air cocks.

Weight crated, 750 lbs.

No. E-1095—Prosthetic Laboratory table, without locks.

No. E-1096 IMPRESSION ROOM TABLE

An individual table used for impression work in dentistry. The regular wood top is covered with ¾ in. Opalite glass providing a clean, smooth working surface at all times. The table is equipped with electricity and gas, and has one single large drawer.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	36½ in.	16⅜ in.	36 in.	
1 drawer		17 in.	3¼ in.	10 in.

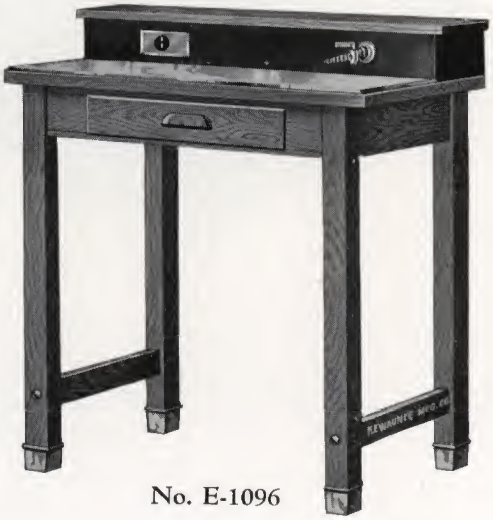
Construction—Body, solid selected oak; top covered with ¾ in. Opalite glass; birch shelf, finished black acid resisting.

Finish—No. 1 or No. 2 Oak.

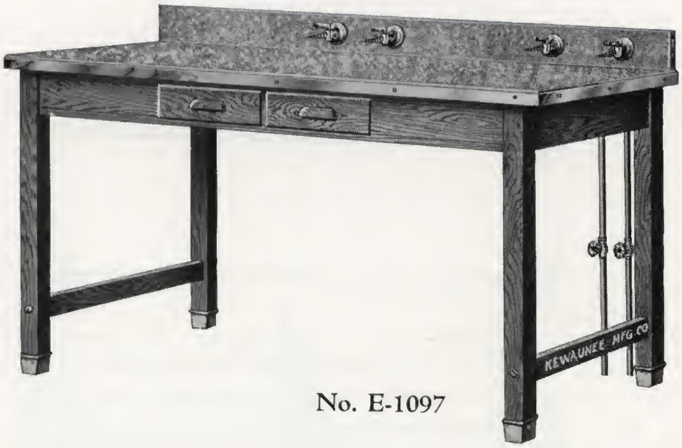
Fixtures—1 flush electric receptacle and plug; 1 single short spout gas cock.

Weight crated, 160 lbs.

No. E-1096—Impression room table.



No. E-1096



No. E-1097

No. E-1097 PRIVATE LABORATORY TECHNIQUE TABLE

This small Technique table is designed for use with individual technique work, and two gas hose cocks and two compressed air hose cocks are furnished mounted on ledge at rear of table. The wood top is covered with transite asbestos which is edge banded with monel metal angles, and two drawers are provided in rail.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	22 in.	36 in.	
2 drawers		14½ in.	2¾ in.	15 in.

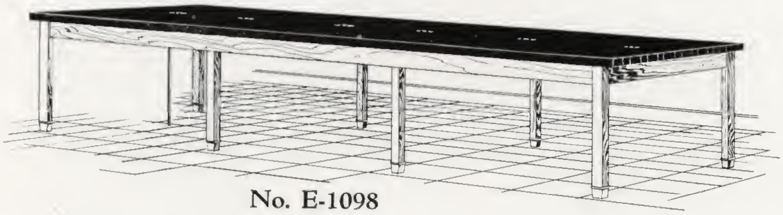
Construction—Body of table solid selected oak. Top is covered with transite asbestos.

Finish—No. 1 or No. 2 Oak.

Fixtures—Two single short spout gas cocks; two single short spout air cocks, with piping complete to floor.

Weight crated, 275 lbs.

No. E-1097—Private Laboratory Technique Table.



No. E-1098

No. E-1098 CLINICAL LABORATORY TABLE

This large plain table serves many requirements in the Clinical Laboratory and provides a large unobstructed working surface. Six AC electric flush plates are set into the table top at the center and any other services required can be furnished.

SPECIFICATIONS

	Length	Width	Height
Overall	15 ft.	3 ft. 6 in.	36 in.

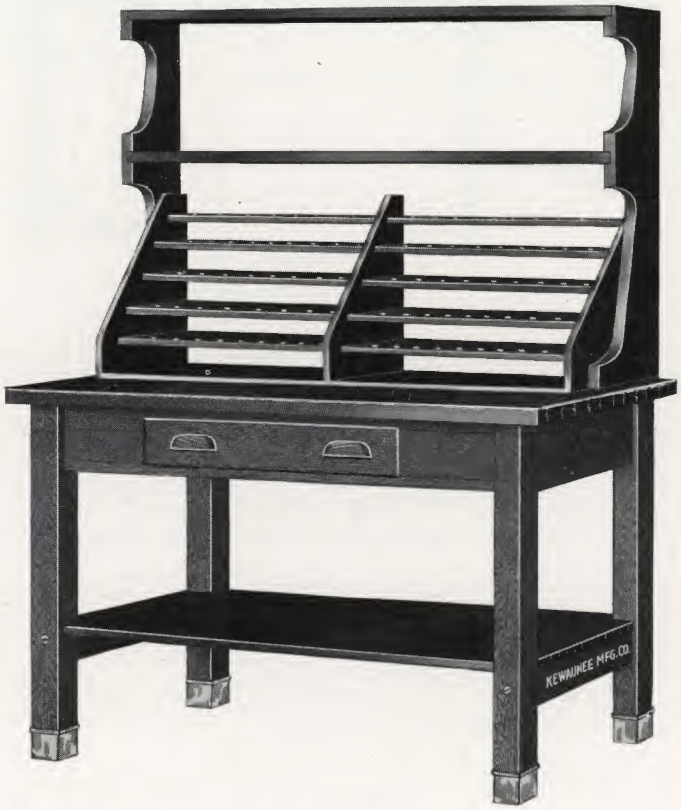
Construction—Body of table solid selected oak. Top is constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

Finish—Body of table, No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—6 Hubbell polarized plugs and receptacles with nickel plated brass plates with conduit to floor.

Weight crated, 630 lbs.

No. E-1098—Clinical Laboratory Table.



No. E-1099

No. E-1099 PHYSIOLOGICAL CHEMISTRY ANALYSIS TABLE

Table is provided with rack which holds sixty test tubes for urine analysis. It has one drawer in rail and a shelf below.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	48 in.	20 in.	31 in.	
Drawer		23½ in.	3¼ in.	13 in.

Construction—Body of table solid selected oak. Top, rack and shelf constructed of birch.

Finish—Body of table No. 1 or No. 2 Oak. Top, rack and shelf black acid resisting finish.

Weight crated, 240 lbs.

No. E-1099—Physiological Chemistry Analysis Table.

GENERAL LABORATORY EQUIPMENT

The following section of the Kewaunee Blue Book of Laboratory Furniture which we have headed "General Laboratory Equipment," includes those items of equipment used generally in all types of science laboratories.

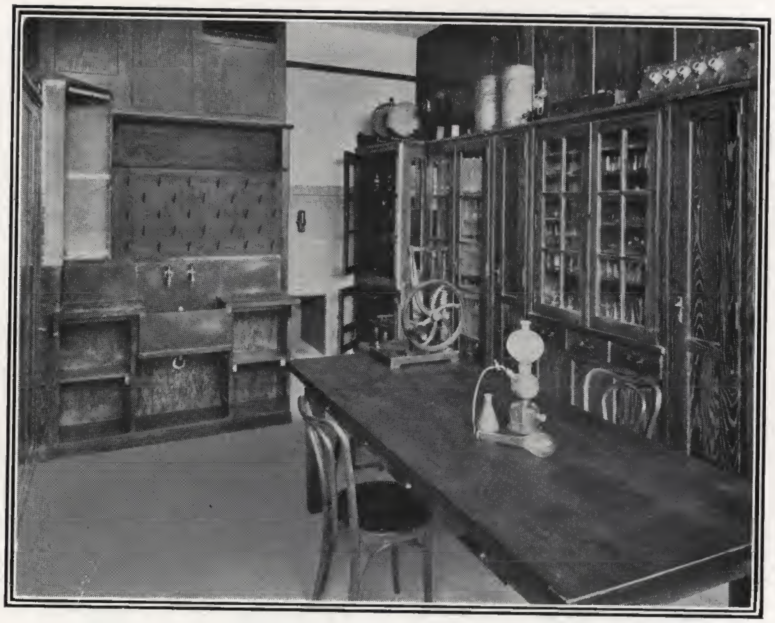
We believe that the showing of Instructor's Tables is particularly complete, and feel that practically any requirement will be met by one or more of the Instructor's Tables shown.

Bulletin boards, blackboards, balance cases and tables, combustion tables, laboratory sinks and laboratory and lecture room seating are all included.

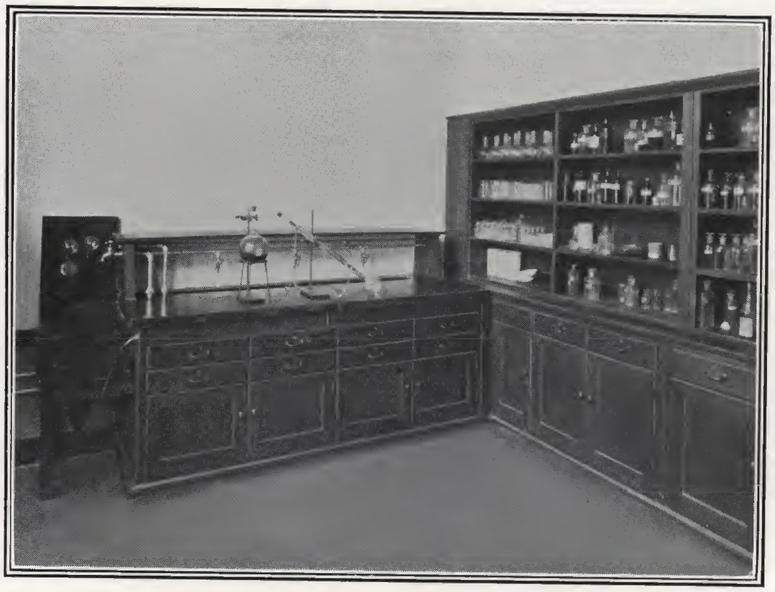
It is a very difficult matter to so arrange the contents of a book of this scope that all items pertaining to any individual department be included in the section of the book devoted to that department, and it is for this reason that miscellaneous items of laboratory equipment have been compiled in this section.

We recommend a perusal of the complete Kewaunee Book before determining on the use of any particular item of equipment, because a design that may meet your exact requirement in one department might be found illustrated in some different section of the book.

PREPARATION ROOM
WESLEYAN UNIVERSITY, MIDDLETOWN, CONN.



PREPARATION ROOM
NEW HIGH SCHOOL, NEW ALBANY, IND.



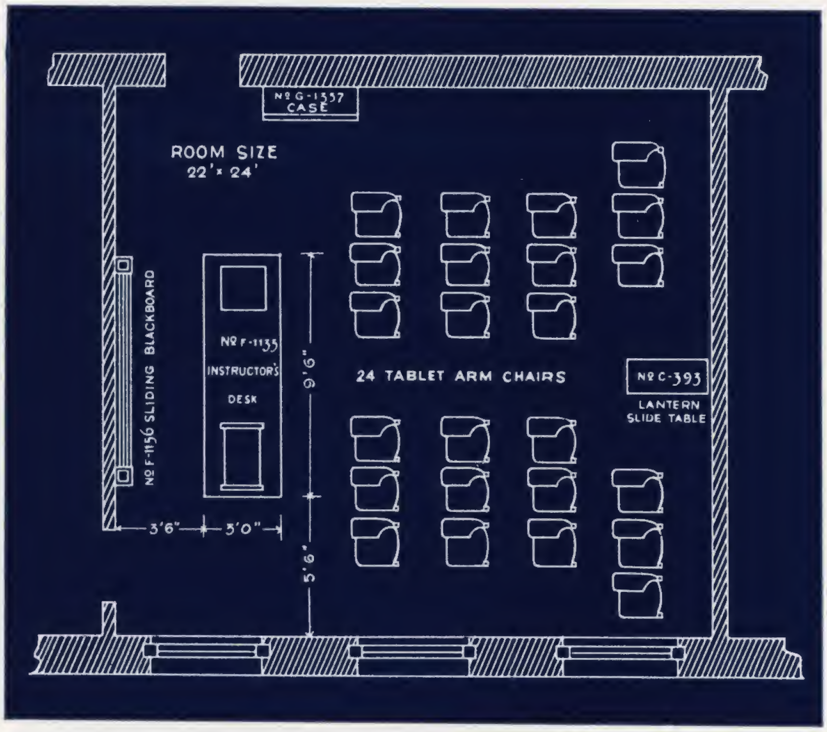
PREPARATION ROOM
NEW HIGH SCHOOL, FORDSON, MICH.

LECTURE ROOM PLAN A

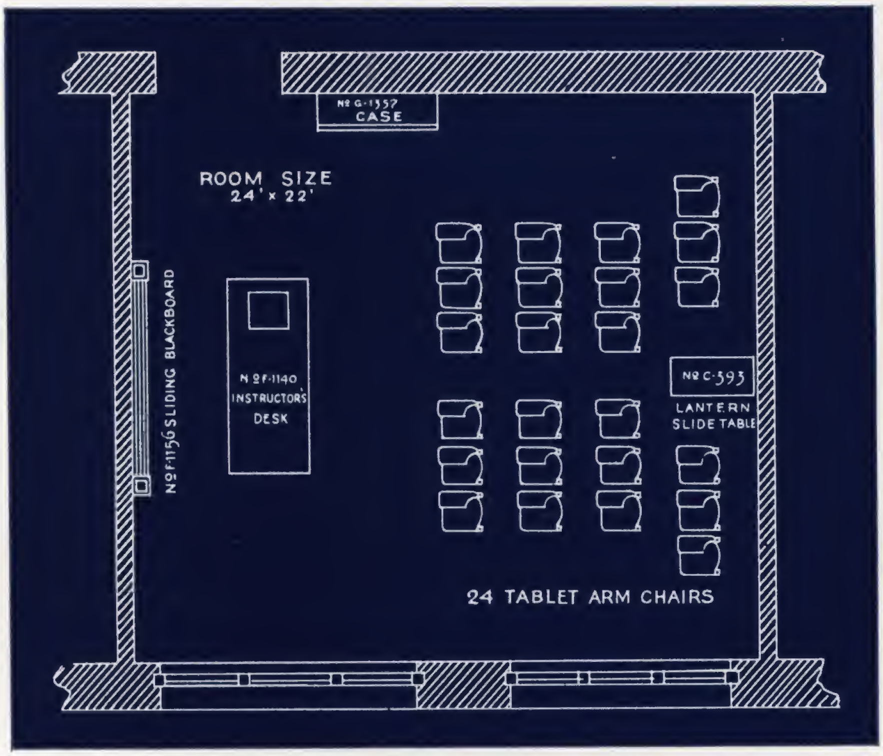
This Lecture Room provides accommodations for a lecture class of 24 students, and provides every convenience for the instructor or lecturer. The complete list of equipment included is as follows:

24 Tablet Arm Chairs.
1—F-1135 Instructor's Table.
1—C-393 Lantern Slide Table.
1—G-1357 Case.
1—F-1156 Sliding Blackboard.

Any of the Lecture Tables shown in this section can be used in layout plans A and B, if the use of a different type of Lecture Table is desired.



Lecture Room Plan A.

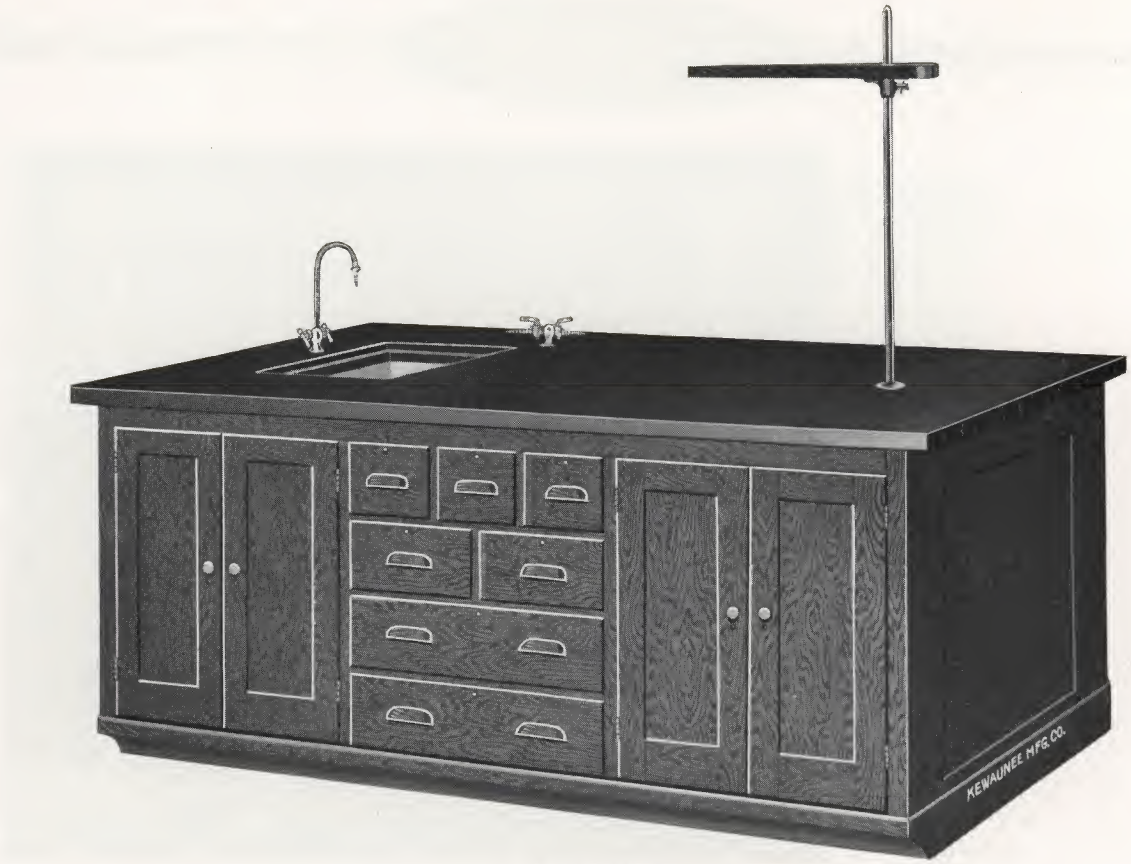


Lecture Room Plan B.

LECTURE ROOM PLAN B

Twenty-four students are accommodated with tablet arm chairs in plan B layout illustrated herewith, and 12 additional tablet arm chairs can be accommodated if necessary, to increase the lecture class up to 36 students. The complete list of equipment included is as follows:

24 Tablet Arm Chairs.
1 No. F-1140 Instructor's Desk.
1 No. C-393 Lantern Slide Table.
1 No. G-1357 Case.
1 No. F-1156 Sliding Blackboard.



No. F-1100

No. F-1100 INSTRUCTOR'S TABLE

The Instructor's Table shown above is suitable for use in the Physics, Chemistry, or combined science laboratory or class room, and provides two large cupboards and seven drawers of various sizes for the storage of apparatus, supplies and materials. The stone sink is supplied with water by a double hot and cold water pantry cock, and one double gas hose cock is provided. A removable upright rod and Greenlaw crossarm which can be swung out over the end of the table, completes the equipment.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	8 ft.	30 in.	36 in.	
3 drawers		7¾ in.	5¾ in.	21 in.
2 drawers		12¾ in.	5¾ in.	21 in.
2 cupboards		29¼ in.	28½ in.	24½ in.
1 stone sink	18 in.	15 in.		12¾ in.

Construction—Body of table built of selected oak. Top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

Finish—Body of table No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—1 double hot and cold water pantry cock; 1 double short spout gas cock; 1 vertical upright rod with clamp and wood Greenlaw support arm. Piping complete to floor line.

Weight crated—No. F-1100—750 lbs.,
No. F-1101—890 lbs.

No. F-1100—Instructor's Table, locks alike on all drawers and cupboards.

No. F-1101—Instructor's Table, 1¼ in. thick soapstone top.

No. F-1102 INSTRUCTOR'S TABLE

This Instructor's table consists of the left hand cupboard and the drawer section of No. F-1100 table shown above. Two upright rods and crossbar are furnished, and a sink cover is provided to cover sink when not in use. Water is supplied to the stone sink by a double hot and cold water pantry cock, and a double gas cock is furnished.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft. 6 in.	30 in.	36 in.	
3 drawers		7¾ in.	5¾ in.	21 in.
2 drawers		12¾ in.	5¾ in.	21 in.
1 cupboard		29¼ in.	28½ in.	24½ in.
1 stone sink	18 in.	15 in.		12¾ in.

Construction—Body built of selected oak. Top constructed of narrow birch strips, matched glued and dressed to 1⅝ in. thickness.

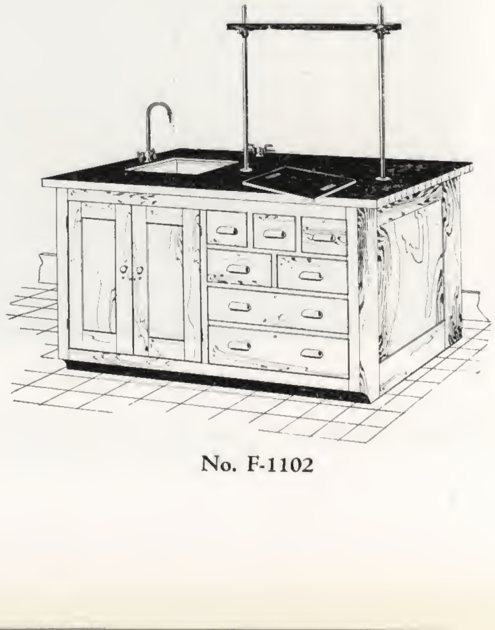
Finish—Body of table No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—1 double hot and cold water pantry cock; 1 double short spout gas cocks; 2 upright rods with clamps and wood crossbar. Piping complete to floor line.

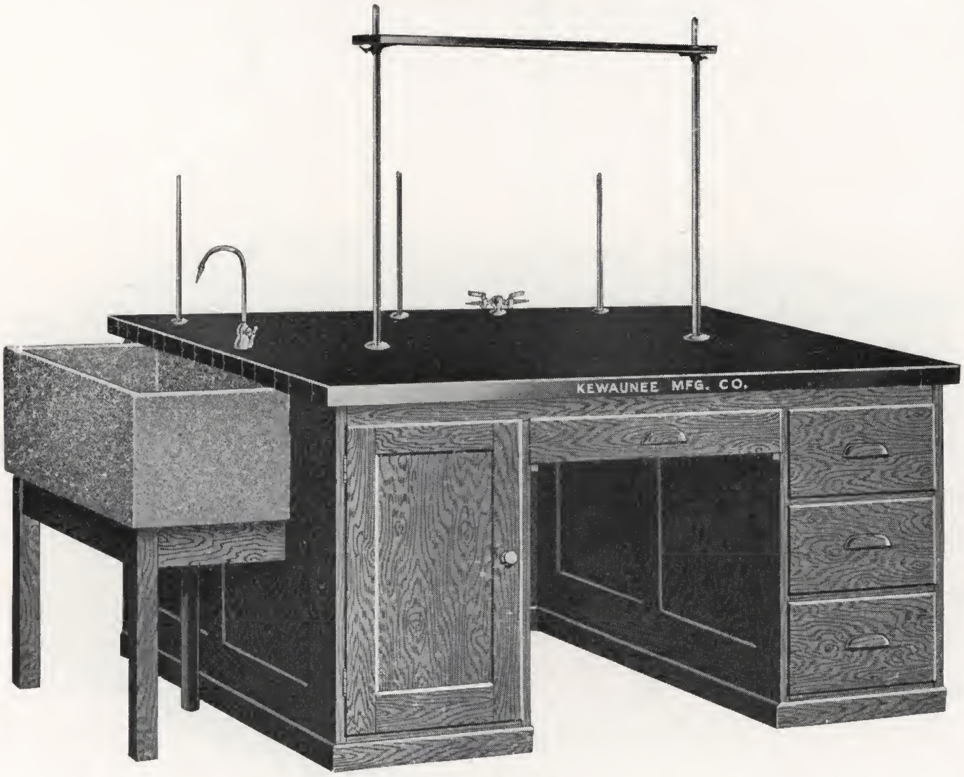
Weight crated—No. F-1102—580 lbs., No. F-1103—700 lbs.

No. F-1102—Instructor's Table, locks alike on drawers and cupboard.

No. F-1103—Instructor's Table, 1¼ in. thick soapstone top.



No. F-1102



No. F-1105

No. F-1105 INSTRUCTOR'S TABLE

This Instructor's table is suitable for use in all science laboratories and lecture rooms, and is our most popular design of Instructor's table. The large end sink provides excellent facilities for washing apparatus and for diluting chemicals before they pass into the waste line. Mounting the sink on the end of the table permits the top surface to be kept clear and affords the maximum working space on the top. The upright rods and burette rods shown are both removable. Gas is supplied through a double gas hose cock and water is supplied through a single pantry cock. A full height cupboard, one long and three deep drawers provide excellent storage facilities and accommodates all sizes and kinds of apparatus.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	30 in.	34 in.	
3 drawers		13¼ in.	7⅝ in.	20¾ in.
1 drawer		22½ in.	4¼ in.	20 in.
1 cupboard		14¾ in.	26⅝ in.	25 in.
1 stone sink	18 in.	14 in.		10¾ in.

Construction—Body of table built of selected oak.

Top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

Finish—Body of table No. 1 or No. 2 Oak. Top, black acid resisting finish.

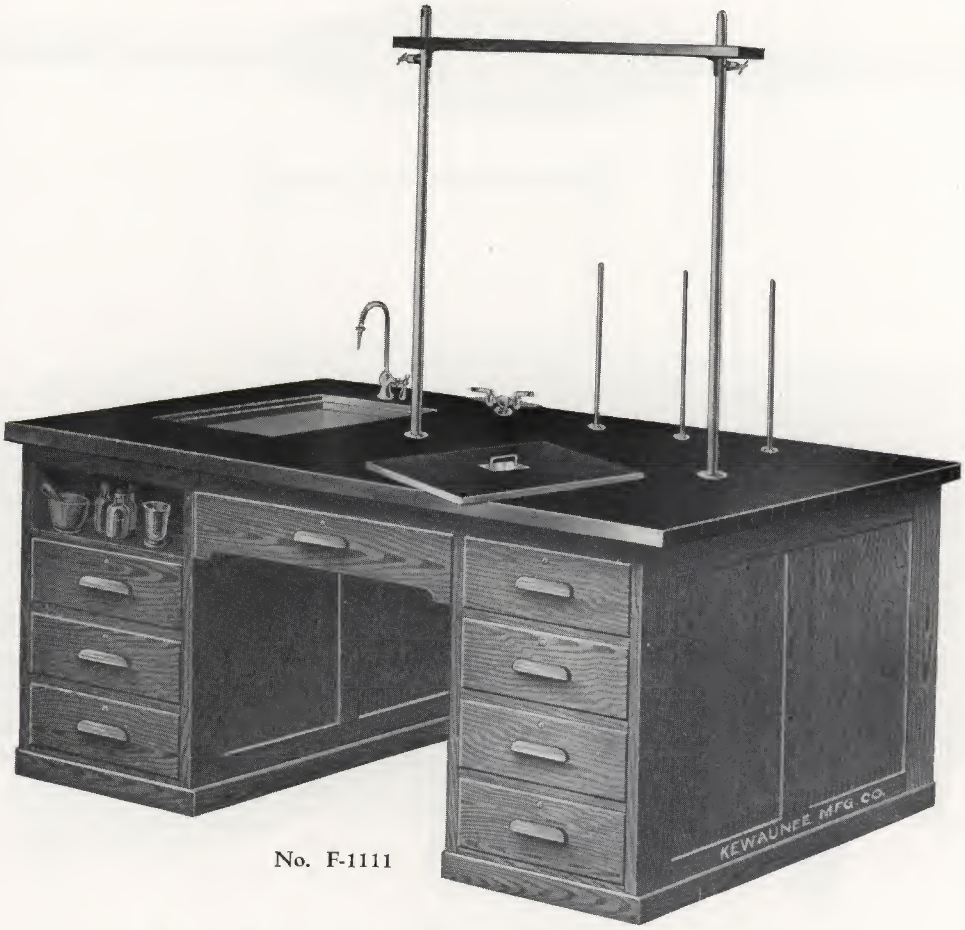
Fixtures—1 single cold water pantry cock; 1 double long spout gas cock; 3 burette rods; 2 upright rods with clamps and wood crossbar. Piping complete to floor line.

Weight crated—No. F-1105—710 lbs.,
No. F-1107—825 lbs.

No. F-1105—Instructor's Table, without locks.

No. F-1106—Instructor's Table, locks alike on all drawers and cupboard.

No. F-1107—Instructor's Table, without locks, 1¼ inch thick soapstone top.



No. F-1111

No. F-1111 INSTRUCTOR'S TABLE

Seven drawers in pedestal and one large drawer in recess provide accommodations for apparatus, instruments and supplies in this Instructor's table which may be used in any science laboratory or lecture room. The large soapstone sink is equipped with sink cover, and three burette and two large upright rods with crossbar are furnished. A single pantry cock supplies water and one double gas hose cock provides gas. The recessed reagent shelf at top of the left hand pedestal is very convenient.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	30 in.	36 in.	
7 drawers		12½ in.	5½ in.	20¾ in.
1 drawer		22½ in.	3¼ in.	19¾ in.
Open compartment		14 in.	6¼ in.	4 in.
Stone sink	14¼ in.	10 in.		5½ in.

Construction—Body of table built of selected oak. Top is constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

Finish—Body of table No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—1 single cold water pantry cock; 1 double short spout gas cock; 3 burette rods; 2 upright rods with clamps and wood crossbar. Piping complete to floor line.

Weight crated—No. F-1110—540 lbs.,
No. F-1112—630 lbs.

No. F-1110—Instructor's Table, without locks.

No. F-1111—Instructor's Table, locks alike on all drawers.

No. F-1112—Instructor's Table, without locks, 1¼ in. thick soapstone top.

No. F-1114 INSTRUCTOR'S TABLE

Four pedestal drawers and one large drawer in recess together with a full height cupboard having reagent shelf behind door complete the storage facilities of this Instructor's table. A single pantry cock provides water for the soapstone sink and a double gas hose cock is furnished.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	30 in.	36 in.	
4 drawers		12½ in.	5½ in.	20¾ in.
1 drawer		22½ in.	3¼ in.	19¾ in.
Cupboard		14 in.	27⅝ in.	25½ in.
1 stone sink	14¼ in.	10 in.		5½ in.

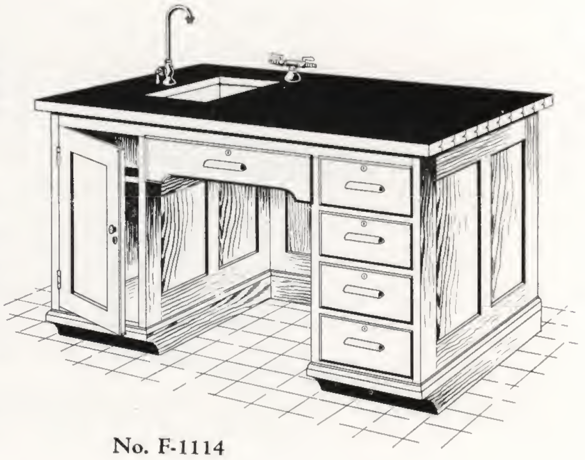
Construction and Finish identical to No. F-1111.

Fixtures—1 single pantry cock, cold water; 1 double short spout gas cock. Piping complete to floor line.

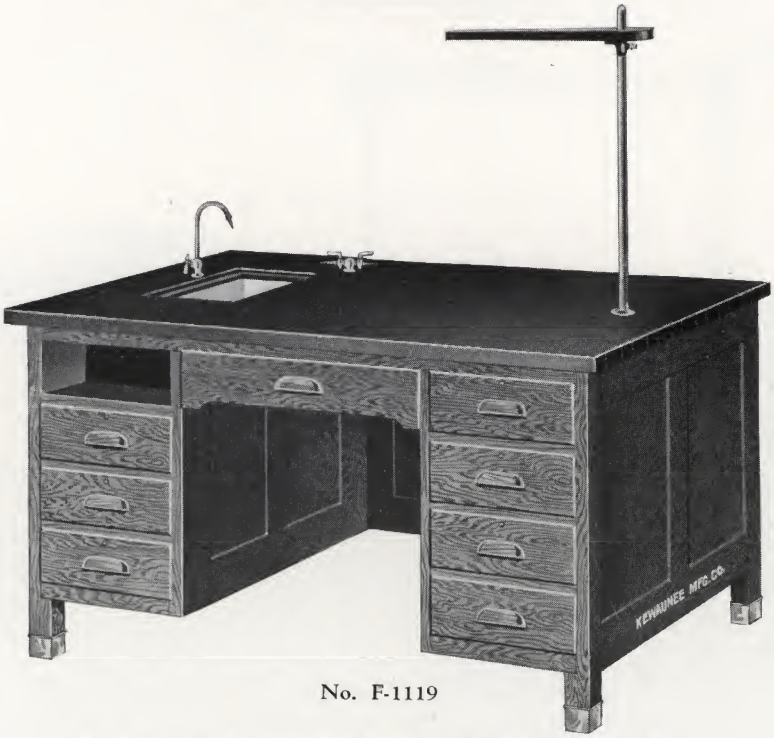
Weight crated—No. F-1114—485 lbs., No. F-1115—570 lbs.

No. F-1114—Instructor's Table, locks alike on drawers and cupboard.

No. F-1115—Instructor's Table, 1¼ in. thick soapstone top.



No. F-1114



No. F-1119

No. F-1119 INSTRUCTOR'S TABLE

The Instructor's table shown above is provided with a sanitary base that lifts the cabinet work six inches above floor. One long recess drawer and seven pedestal drawers are provided, and a recessed reagent rack is furnished at top of left hand pedestal.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	30 in.	40 in.	
4 drawers		12½ in.	5½ in.	20¾ in.
3 drawers		12½ in.	5½ in.	15¾ in.
1 drawer		22 in.	5½ in.	20¾ in.
Open compartment		14 in.	6¼ in.	4 in.
1 stone sink	14¼ in.	10 in.		5½ in.

Construction—Body built of selected oak. Top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

Finish—Body of table No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—1 single cold water pantry cock; 1 double short spout gas cock; 1 upright rod with clamp and wood Greenlaw support arm. Piping complete to floor.

Weight crated—No. F-1118—490 lbs.,
No. F-1120—580 lbs.

No. F-1118—Instructor's Table, without locks.

No. F-1119—Instructor's Table, locks alike on all drawers.

No. F-1120—Instructor's Table, without locks, 1¼ in. thick soapstone top.

No. F-1122 INSTRUCTOR'S TABLE

The No. F-1122 Instructor's table is a very convenient and economical table for use where large amounts of storage space are not required. This table has a sanitary base that lifts the cabinet work six inches above the floor, and is provided with two pedestal drawers, one pedestal cupboard, and one long drawer in rail above recess. One AC electric receptacle is provided set flush in table rail and two burette rods and one gas hose cock are also provided. A single pantry cock supplies water to the stone sink.

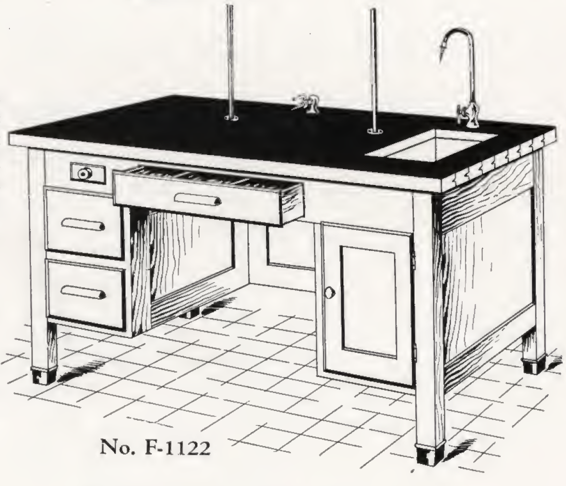
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	24 in.	34 in.	
2 drawers		9½ in.	8¼ in.	17 in.
1 drawer		22½ in.	2¾ in.	17 in.
1 cupboard		11⅝ in.	18⅞ in.	20 in.
1 stone sink	14¼ in.	10 in.		5½ in.

Construction—Body built of selected oak. Top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

Finish—Body of table No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—1 single cold water pantry cock; 1 single short spout gas cock; 2 burette rods; 1 electric receptacle. Piping complete to floor.

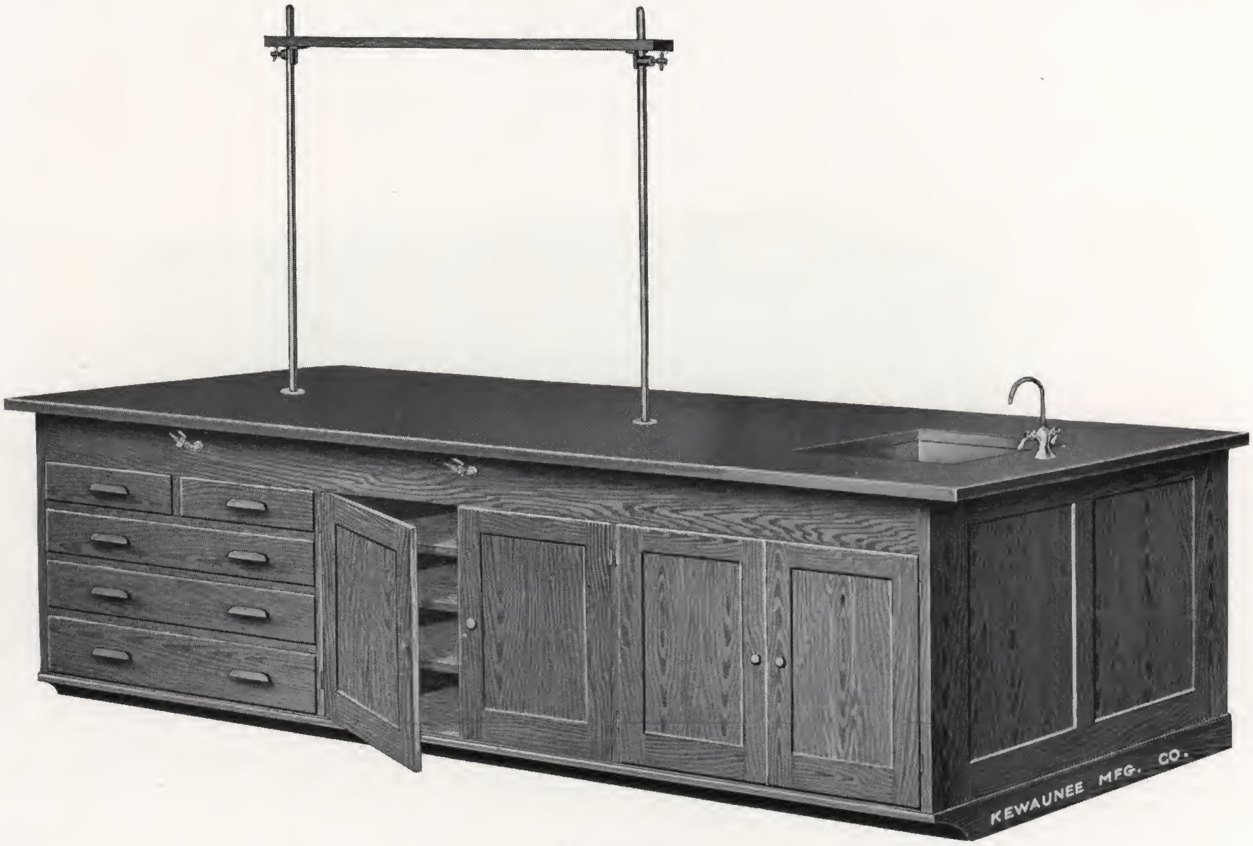


No. F-1122

Weight crated—No. F-1122—400 lbs.,
No. F-1123—480 lbs.

No. F-1122—Instructor's Table, locks alike on drawers and cupboard.

No. F-1123—Instructor's Table, 1¼ in. thick soapstone top.



No. F-1127

No. F-1127 INSTRUCTOR'S TABLE

This Instructor's table is designed for use in the Physics or Chemistry Laboratory or Lecture room. A water hose cock and a gas hose cock are provided in the rail and a double hot and cold water pantry cock is furnished at the stone sink. Upright rods and crossbar are provided as shown. Two large double cupboards are furnished, one of which has three adjustable shelves, and three large and two small drawers provide adequate drawer space.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	8 ft.	36 in.	36 in.	
2 drawers		12¾ in.	4 in.	25 in.
1 drawer		27¾ in.	4½ in.	25 in.
1 drawer		27¾ in.	5 in.	25 in.
1 drawer		27¾ in.	6 in.	25 in.
Cupboards		29⁵⁄₁₆ in.	25⅛ in.	29½ in.
1 stone sink	18 in.	15 in.		12¾ in.

Construction—Body built of selected oak. Top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

Finish—Body of table No. 1 or No. 2 Oak. Top, black acid resisting finish.

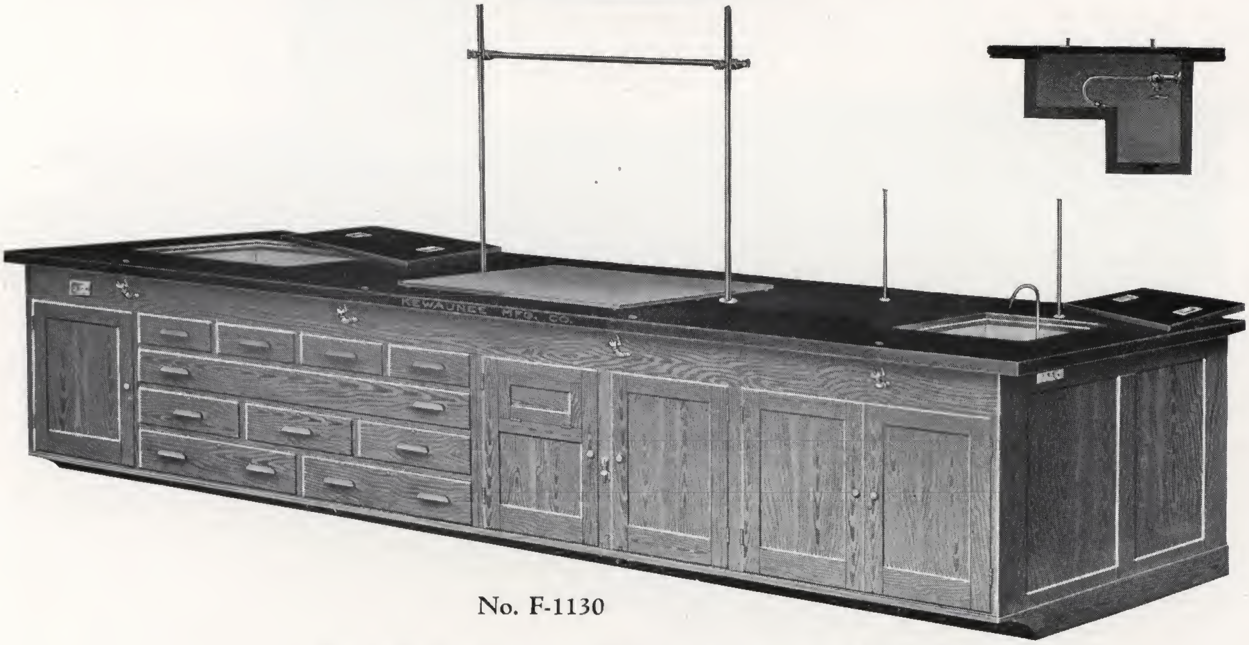
Fixtures—1 double hot and cold water pantry cock; 1 single short spout gas cock; 1 single short spout water cock; 2 upright rods with clamps and wood crossbar. Piping complete to floor line.

Weight crated—No. F-1126— 840 lbs.,
No. F-1128—1050 lbs.

No. F-1126—Instructor's Table, without locks.

No. F-1127—Instructor's Table, locks alike on drawers and cupboards.

No. F-1128—Instructor's Table, without locks, 1¼ inch thick soapstone top.



No. F-1130

No. F-1130 INSTRUCTOR'S TABLE

This 12 ft. long Instructor's Table has been designed for use in the lecture room and provides all accommodations required in a lecture table for use in lecture and demonstration work in any of the sciences.

The Soapstone sink is equipped with a pneumatic shelf for gas collection, and a white enameled cast iron mercury sink is provided. Gas, water and electricity are mounted in the top rail of the table where they are most accessible for the demonstrators' use, and when the sink covers are in place and the upright support rods removed, the entire top is left clear. An asbestos board mounted on felt is provided for apparatus set ups where a heat resisting and corrosion resisting working surface is required.

A bank of 10 drawers of varying size will accommodate instruments, apparatus and supplies of every description, while two large single and one large double cupboard provide ample cupboard storage space. One of the single cupboard doors is equipped with a drop panel mounted on spring hinges, which allows waste to be placed in waste jar in cupboard without opening the swinging cupboard door. A heating and drying compartment fully asbestos lined is provided in a fourth cupboard. Any additional plumbing services or electrical services required can be added to meet specific requirements.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	36 in.	36 in.	
4 drawers		10⅛ in.	4 in.	25 in.
3 drawers		14⅜ in.	5 in.	25 in.
2 drawers		22¾ in.	6 in.	25 in.
1 drawer		48 in.	4½ in.	25 in.
1 cupboard		17 7/16 in.	25⅛ in.	29½ in.
2 cupboards		15 15/16 in.	25⅛ in.	29½ in.
1 double cupboard		31⅞ in.	25⅛ in.	29½ in.
1 mercury sink	18 in.	12 in.		6 in.
1 stone sink	18 in.	15 in.		12¾ in.
Asbestos pad	34 in.	24 in.		

Construction—Body built of selected oak. Top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

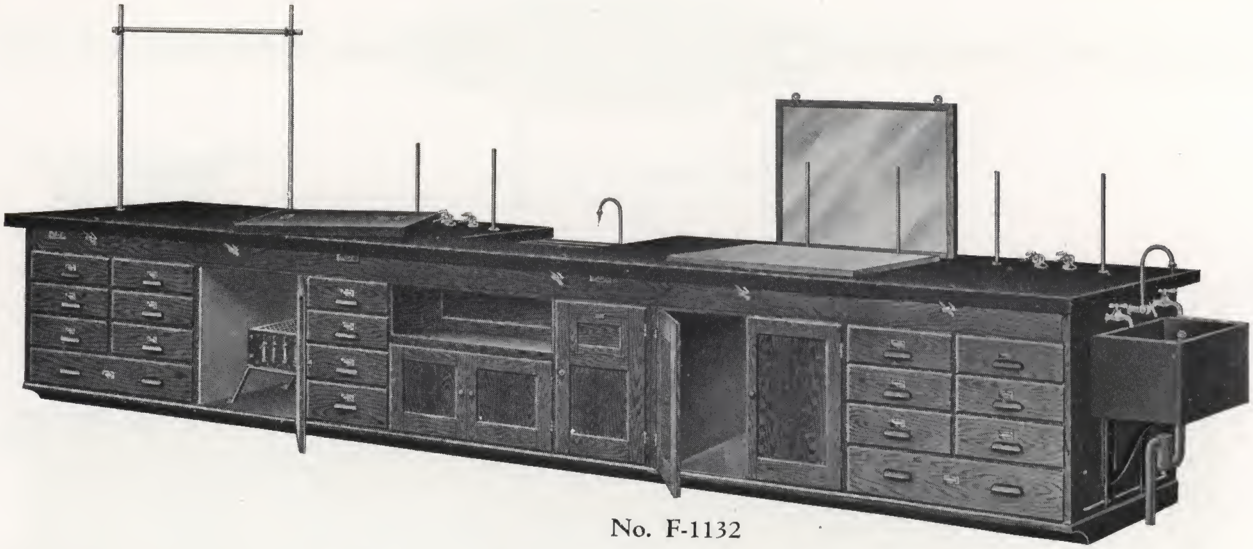
Finish—Body of table No 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—2 burette rods; 2 vertical upright rods with clamps and metal crossbar; 1 disappearing pantry cock for hot and cold water; three gas cocks and two water stops with serrated spout for rubber tubing. All piping complete to floor line for hot and cold water, gas and waste.

Electricity—2 hubbell polarized plugs and receptacles with nickel plated brass plates are installed in iron boxes.

Weight crated—No. F-1129—1340 lbs., No. F-1131—1590 lbs.

No. F-1129—Instructor's Desk, without locks.
No. F-1130—Instructor's Desk, locks on all drawers and cupboards.
No. F-1131—Instructor's Desk, without locks, 1¼ in. soapstone top.



No. F-1132

No. F-1132 INSTRUCTOR'S TABLE

The very complete equipment and plumbing services supplied with this 18 ft. Instructor's Table make it extremely desirable for use in the college chemistry and physics lecture rooms.

In addition to providing 18 drawers in varying sizes, and two double compartments, a fire proof rheostat compartment and a fire proof drying compartment are furnished. A rheostat for varying 110 volt alternating current from 15 down to 5/10 ampere is provided. Another convenience is a large soapstone sink with a plate glass side, which exposes the sink fully to the students on the opposite side of the lecture table. A wire plate glass sliding screen can be raised as illustrated to protect students during the course of experiments, where this protection is desired, and this screen can be dropped flush with the table top when not in use. Hot and cold water, distilled water, gas, vacuum and electricity are all provided in the top rail and on the working surface of this table, at convenient points, and a large soapstone end sink is very conveniently placed for washing apparatus and diluting chemicals before they enter the waste line. A sink cover is provided with the large center sink and a movable asbestos pad is furnished to protect the top when furnaces are used or when it is necessary to protect the top against chemical corrosion. The six burette and two large upright support rods provided are all quickly removable. The recessed black acid resisting finished reagent shelf over the low center cupboard is very convenient for storing commonly used chemicals. Any special plumbing services and other equipment required to meet special needs can be furnished as desired.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	18 ft. 3 in.	36 in.	36 in.	
2 drawers		19⅜ in.	4 in.	23 in.
2 drawers		19⅜ in.	4½ in.	23 in.
2 drawers		19⅜ in.	5 in.	23 in.
1 drawer		41 in.	6 in.	23 in.
3 drawers		15½ in.	4 in.	23 in.
3 drawers		15½ in.	4½ in.	23 in.
3 drawers		15½ in.	5 in.	23 in.
1 drawer		15½ in.	6 in.	23 in.
1 drawer		33⅜ in.	6 in.	23 in.
1 rheostat cupboard		26 in.	25⅛ in.	29 in.
1 double cupboard		33½ in.	15 in	29 in.
1 waste jar cupboard		17 in.	25⅛ in.	29 in.
1 large double cupboard		33¾ in.	25⅛ in.	29 in.
1 stone end sink	18 in.	12 in.		10 in.
1 center sink with plate glass front	27½ in.	17 in.		16 in.
Asbestos pad	34 in.	24 in.		
Glass shield	32½ in.		26 in.	

Construction—Body built of selected oak. Top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

Finish—Body of table No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—6 burette rods; 2 large upright rods with clamps and metal crossbar; two hose bibbs; one tin lined bracket cock; one disappearing pantry cock; three gas cocks; two vacuum cocks; two compressed air cocks; two water stop cocks with serrated spouts for rubber tubing. All piping complete to floor line for hot and cold water, distilled water, waste, vacuum and compressed air.

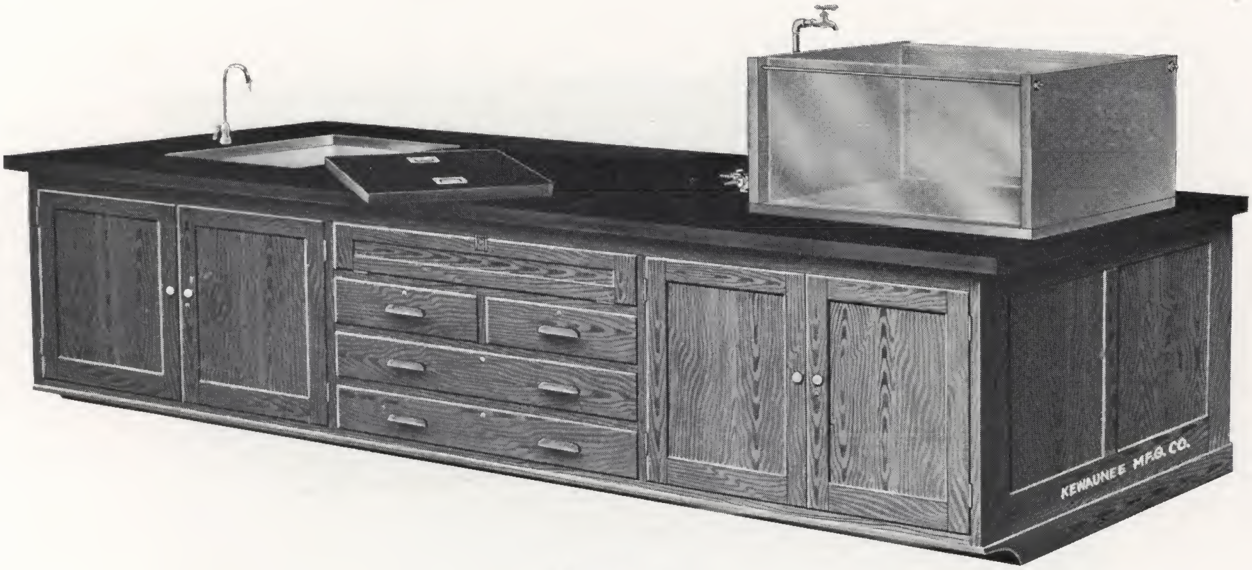
Electricity—3 hubbell polarized plugs and receptacles with nickel plated brass plates are installed in iron boxes and set flush in table rail. First cupboard from the left contains rheostat.

Weight crated—No. F-1132—2110 lbs.,
No. F-1134—2360 lbs.

No. F-1132—Instructor's Table, without locks.

No. F-1133—Instructor's Table, locks on all drawers and cupboards.

No. F-1134—Instructor's Table, without locks, with stone top.



No. F-1136

No. F-1136 INSTRUCTOR'S TABLE

Designed for lecture and demonstration purposes in Biology, this table is provided with two large double cupboards and four drawers. A long drop door compartment above drawers provides very convenient storage space for charts and dissecting boards. A large stone aquarium complete with cold water supply and drain is a very convenient accessory, and the large deep soapstone sink is very useful in washing instruments and apparatus. Cold water is supplied at the sink, and a four way gas hose cock is conveniently located on the table top.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	9½ ft.	36 in.	34 in.	
2 double cupboards		35 in.	25½ in.	29 in.
2 drawers		33¾ in.	5¼ in.	26 in.
2 drawers		15⅝ in.	5¼ in.	26 in.
1 soapstone sink	21½-in.	20 in.		13 in.
1 Aquarium	29½ in.	16 in.		16¾ in.

Construction—Body built of selected oak; top constructed of narrow birch strips matched, glued and dressed to 1⅝ in. thickness.

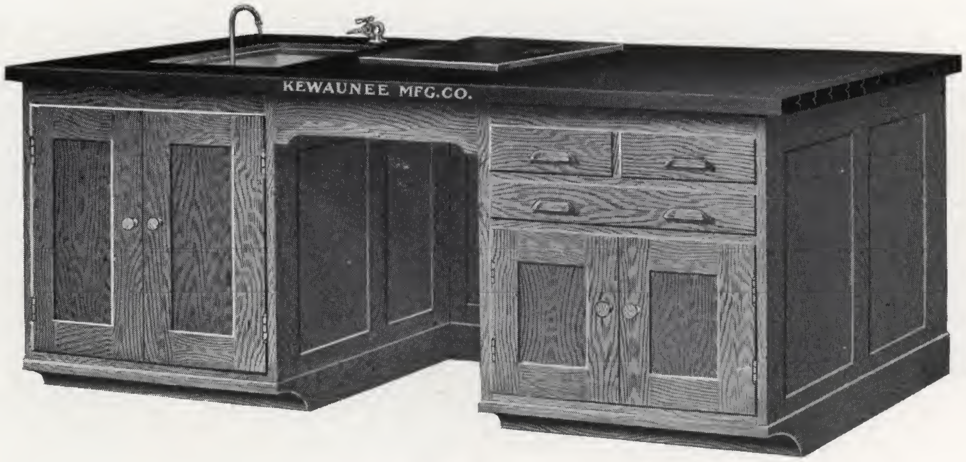
Finish—Body, No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—1 tray bibb; 1 single cold water pantry cock; 1 four-way long spout gas cock; piping complete to floor line.

Weight crated—No. F-1135, 1,220 lbs.

No. F-1135—Instructor's Table, without locks.

No. F-1136—Instructor's Table, locks alike on drawers and cupboards.



No. F-1140

No. F-1140 INSTRUCTOR'S TABLE

The Instructor's table shown above is particularly adaptable for use in the Biology laboratory or lecture room, and is provided with a recess which allows the instructor to be comfortably seated. The sink is equipped with a swinging spout pantry cock and sink cover which provides an unobstructed working surface when the sink is not being used. A single gas hose cock provides gas. A large double and low double cupboard, and the long and two short drawers provide adequate storage space. An aquarium and table are usually used in conjunction with this design of instructor's table.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	7½ ft.	36 in.	34 in.	
2 drawers		12½ in.	3⅜ in.	25 in.
1 drawer		27¼ in.	3⅜ in.	25 in.
1 cupboard		28¾ in.	26⅝ in.	29 in.
1 cupboard		28¾ in.	16 in.	29 in.
1 stone sink	21½ in.	20 in.		13 in.

Construction—Body built of selected oak. Top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

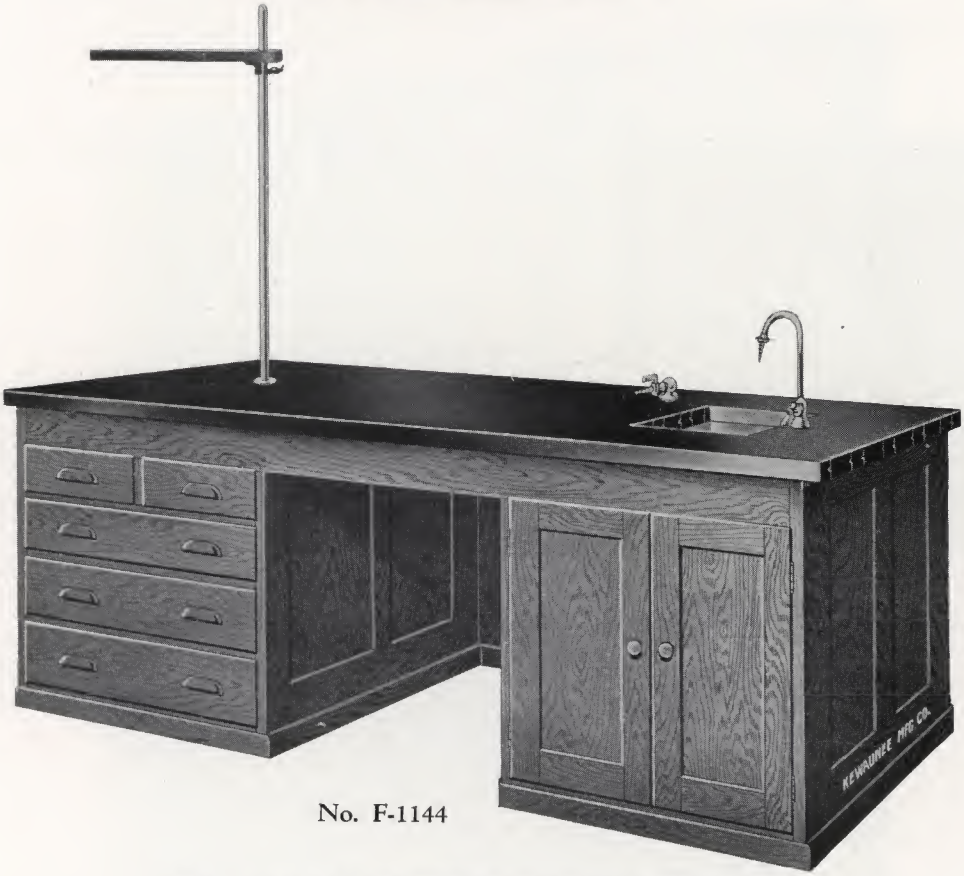
Finish—No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—1 single disappearing pantry cock for cold water; 1 single long spout gas cock; piping complete to floor line.

Weight crated—No. F-1140, 800 lbs.

No. F-1140—Instructor's table, without locks.

No. F-1141—Instructor's table, locks alike on drawers and cupboards.



No. F-1144

No. F-1144 INSTRUCTOR'S TABLE

Convenience and economy are combined in this Instructor's table, which satisfactorily meets the Instructor's table requirements in Physics, Chemistry or other high school sciences. The recess allows the instructor to work while comfortably seated, and the combination of the sink, gas and upright support rod provide the necessities in the way of supplies and equipment. Electricity or other services can be added if desired. Three long and two short drawers and a full-height wide double cupboard provide storage space.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	8 ft.	36 in.	36 in.	
2 drawers		12¾ in.	4 in.	25 in.
1 drawer		27¾ in.	4½ in.	25 in.
1 drawer		27¾ in.	5 in.	25 in.
1 drawer		27¾ in.	6 in.	25 in.
1 double cupboard		29¼ in.	25⅛ in.	29 in.
1 stone sink	18 in.	14 in.		10¾ in.

Construction — Body built of selected oak. Top constructed of narrow birch strips matched, glued and dressed to 1⅝ in. thickness.

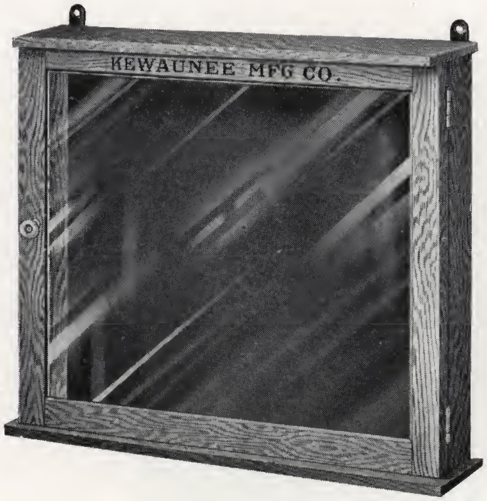
Finish—Body, No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—1 upright rod with clamp and wood Greenlaw support arm; 1 single cold water pantry cock; 1 single long spout gas cock; piping complete to floor line.

Weight crated—No. F-1144, 760 lbs.

No. F-1144—Instructor's table, without locks.

No. F-1145—Instructor's table, locks alike on all drawers and cupboard.



No. F-1147 BULLETIN AND DISPLAY BOARD

Bulletins, schedules and other material which are permanently displayed are better preserved when protected by a glass door. The bulletin board illustrated herewith may be had in several sizes, and is not only useful, but is ornamental as well. This type of bulletin board is particularly adaptable for use in entrances and corridors where drafts caused by open doors are likely to disarrange papers pinned to unprotected boards, and further where ornamentation is very desirable. The back is veneered cork board.

Construction—Solid selected oak. Back, veneered cork board; door glazed with double strength glass.

No. F-1147

Finish—No. 1 or No. 2 Oak.

Weight crated—No. F-1147, 65 lbs.; No. F-1148, 85 lbs.; No. F-1149, 110 lbs.

No. F-1147—Bulletin Board, 24 in. wide, 30 in. high, 3¾ in. deep.
No. F-1148—Bulletin Board, 36 in. wide, 30 in. high, 3¾ in. deep.
No. F-1149—Bulletin Board, 42 in. wide, 30 in. high, 3¾ in. deep.

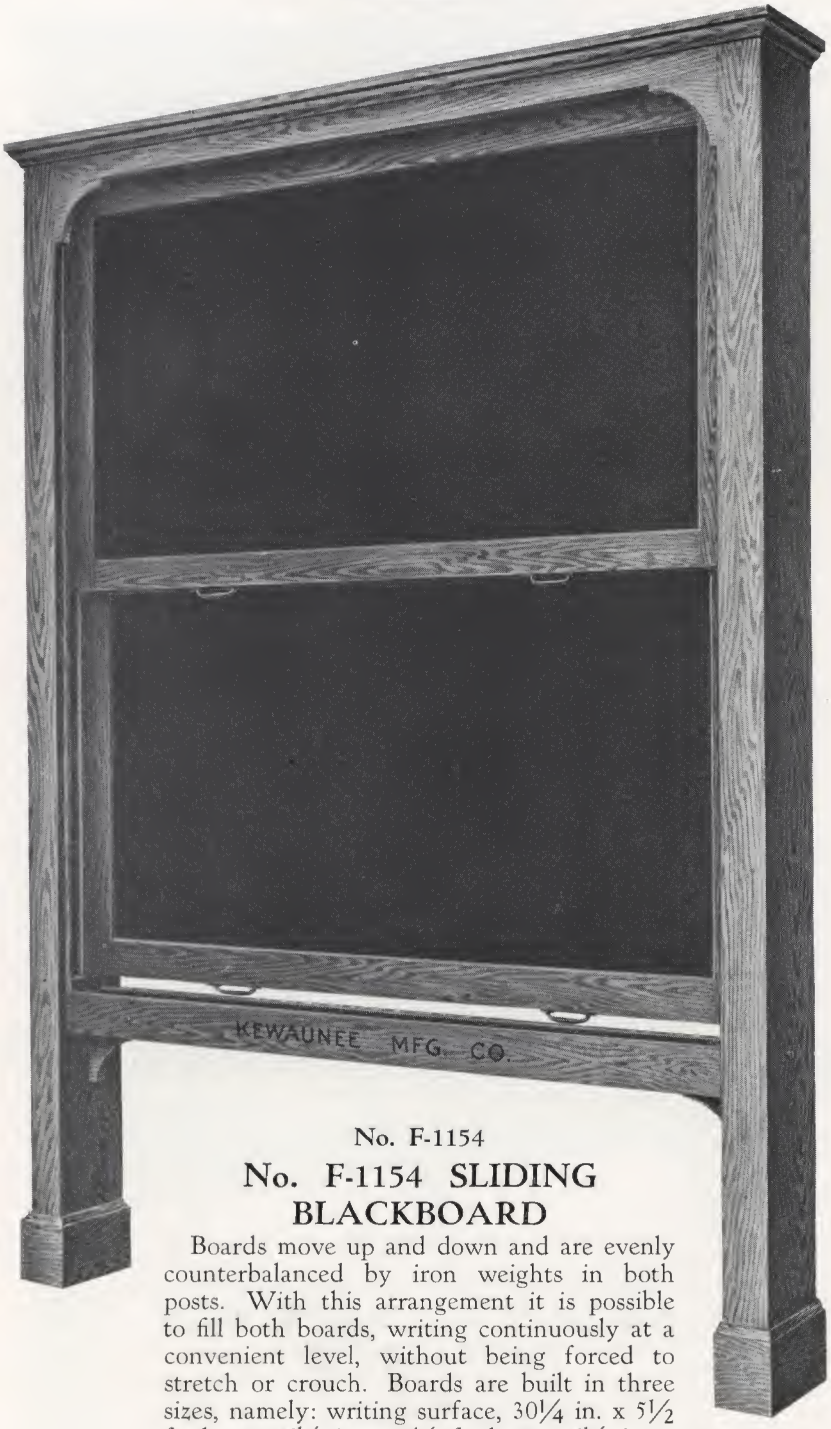
No. F-1150 BULLETIN BOARD

The veneered cork board back of this bulletin board is attractively framed with white oak molding, and the board is provided in a number of convenient sizes.

Construction—Oak frame, veneered cork board back.
Finish—Frame, No. 1 or No. 2 Oak.
Weight crated—No. F-1150, 40 lbs.
No. F-1151, 55 lbs.
No. F-1152, 75 lbs.

No. F-1150—Bulletin Board 24 in. wide, 30 in. high.
No. F-1151—Bulletin Board 36 in. wide, 30 in. high.
No. F-1152—Bulletin Board 42 in. wide, 30 in. high.

No. F-1150



No. F-1154

No. F-1154 SLIDING BLACKBOARD

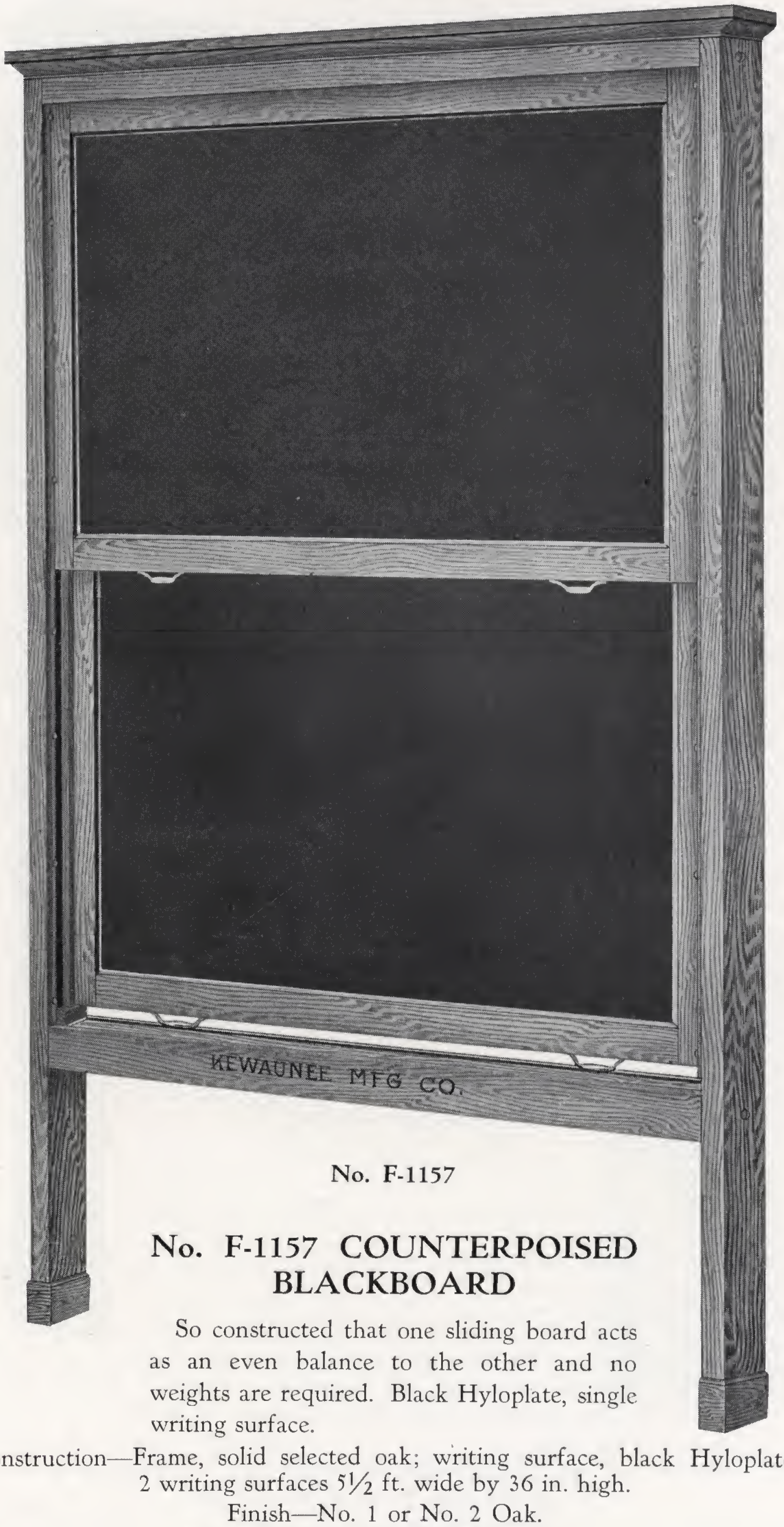
Boards move up and down and are evenly counterbalanced by iron weights in both posts. With this arrangement it is possible to fill both boards, writing continuously at a convenient level, without being forced to stretch or crouch. Boards are built in three sizes, namely: writing surface, 30¼ in. x 5½ ft. long; 36¼ in. x 5½ ft. long; 36¼ in. x 7½ ft. long. Chalk and eraser rail is 4 inches wide with ½ inch high moulding along each edge.

Construction—Frame, solid selected oak; writing surface, black hyloplate.

Finish—Frame, No. 1 or No. 2 Oak.

Weight crated—No. F-1154, 670 lbs.; No. F-1155, 600 lbs.; No. F-1156, 700 lbs.

No. F-1154—Sliding Blackboard, 6 ft. 9½ in. wide, 8 ft. 10¼ in. high.
No. F-1155—Sliding Blackboard, 6 ft. 9½ in. wide, 9 ft. 10¼ in. high.
No. F-1156—Sliding Blackboard, 8 ft. 9½ in. wide, 9 ft. 10 ¼ in. high.



No. F-1157

No. F-1157 COUNTERPOISED BLACKBOARD

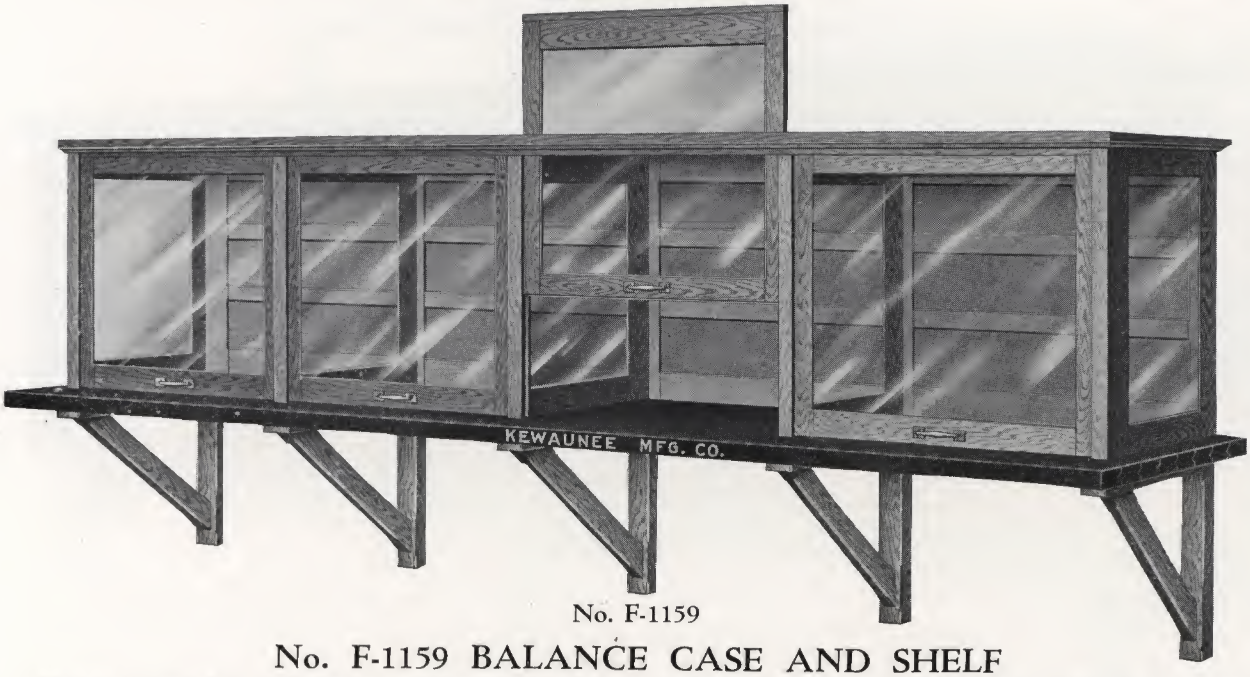
So constructed that one sliding board acts as an even balance to the other and no weights are required. Black Hyloplate, single writing surface.

Construction—Frame, solid selected oak; writing surface, black Hyloplate; 2 writing surfaces 5½ ft. wide by 36 in. high.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. F-1157, 490 lbs.

No. F-1157—Sliding Blackboard, 6 ft. 4 in. wide, 9 ft. 11½ in. high.


KEWAUNEE MFG. CO.

No. F-1159

No. F-1159 BALANCE CASE AND SHELF

This is a complete and roomy equipment for the care of balances. The glass sides and top provide good light, and electric lights may be installed over the cases. Double strength glass is used for doors, sides and partitions, and ¼ inch plate glass for the top panels. Movement of the lifting doors is controlled by spring sash balances.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	11 ft.	24 in.	32 in.	
4 compartments		30 in.	27⅝ in.	15½ in.

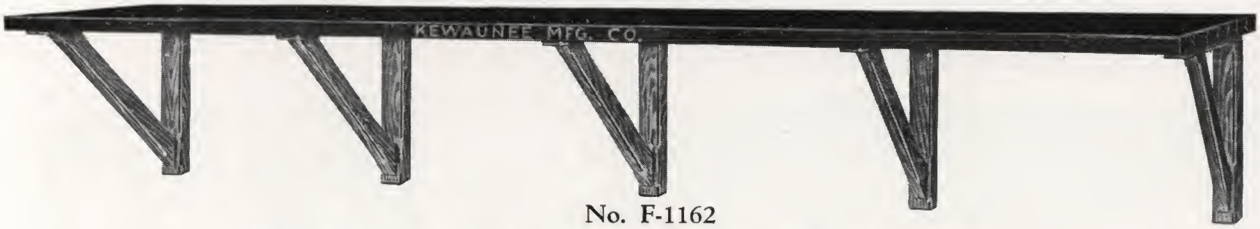
Construction—Case and brackets, solid selected oak; top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

Finish—Case and brackets, No 1 or No. 2 Oak; top, black acid resisting finish.

Weight crated—No. F-1159—550 lbs., No. F-1160—290 lbs.

No. F-1159—Balance Case and shelf, 11 ft. long, 4 compartments.

No. F-1160—Balance Case and shelf, 5 ft. 8 in. long, 2 compartments.


KEWAUNEE MFG. CO.

No. F-1162

No. F-1162 BALANCE SHELF—WALL FORM

This shelf form of balance support reduces vibration to a minimum, particularly if it is attached to an outside wall. The top is of the regular birch construction and the brackets are made of solid, selected oak. The top is fastened to the bracket gooseneck irons.

SPECIFICATIONS

	Length	Width	Height
Overall	12 ft.	24 in.	32 in. (above floor)

5 brackets, 21 inches each way.

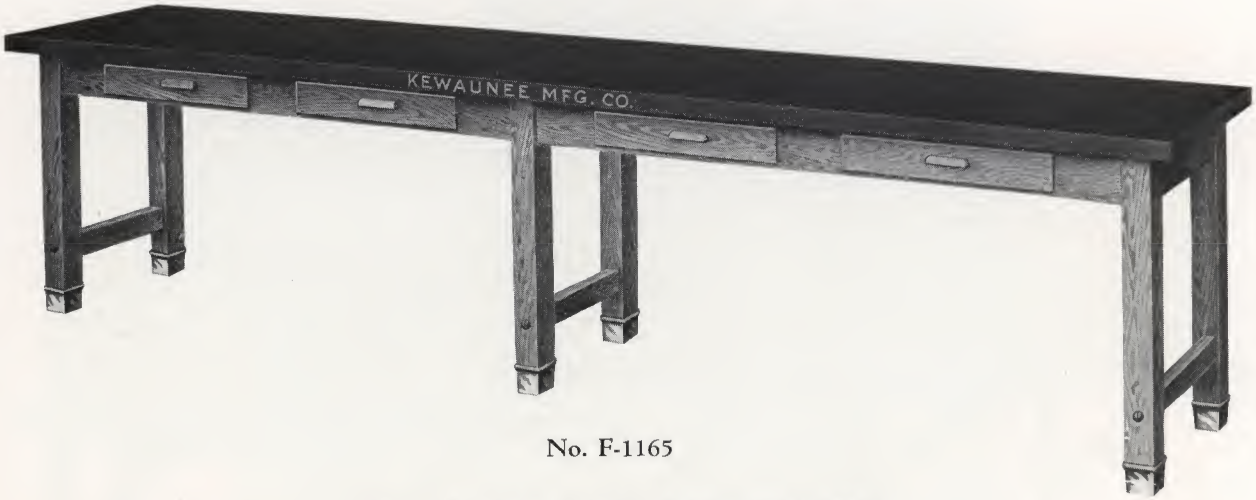
Construction—Brackets constructed of solid selected oak; top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

Finish—Brackets No. 1 or No. 2 Oak; top, black acid resisting finish.

Weight crated—No. F-1162—250 lbs., No. F-1163—150 lbs.

No. F-1162—Balance Shelf, 12 ft. long.

No. F-1163—Balance Shelf, 6 ft. long.



No. F-1165

No. F-1165 BALANCE TABLE

This table is designed to take the place of the wall shelf in cases where the nature of the wall prevents the convenient attachment of wall shelf brackets. It will support four scales with sufficient working space around each. The four drawers will be found very convenient for the storing of weights, papers and other supplies.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	20 in.	32 in.	
4 drawers		14½ in.	2¾ in.	12¼ in.

Construction—Body built of solid selected oak; top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

Finish—Body, No. 1 or No. 2 Oak. Top, black acid resisting finish.

Weight crated—No. F-1165—370 lbs., No. F-1166—190 lbs., No. F-1167—520 lbs.

No. F-1165—Balance Table, 12 ft. long.
No. F-1166—Balance Table, 6 ft. long.
No. F-1167—Balance Table, 18 ft. long.

No. F-1169 BALANCE CASE

A very convenient and roomy balance case for individual or private laboratory use. The three sides, top and door are all glass. The bottom edges are covered with felt so that the case can be set on any top without injuring it. Glass in the body is double strength, ¼ inch plate glass being used in the top.

SPECIFICATIONS

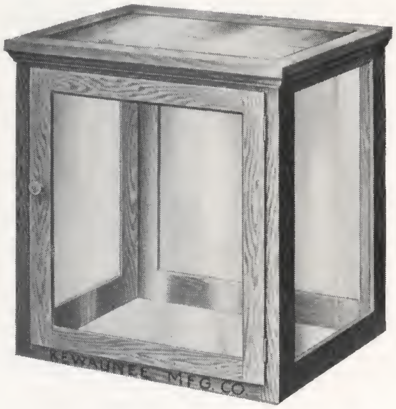
	Width	Height	Depth
Overall	26 in.	27 in.	22 in.

Construction—Solid selected oak.

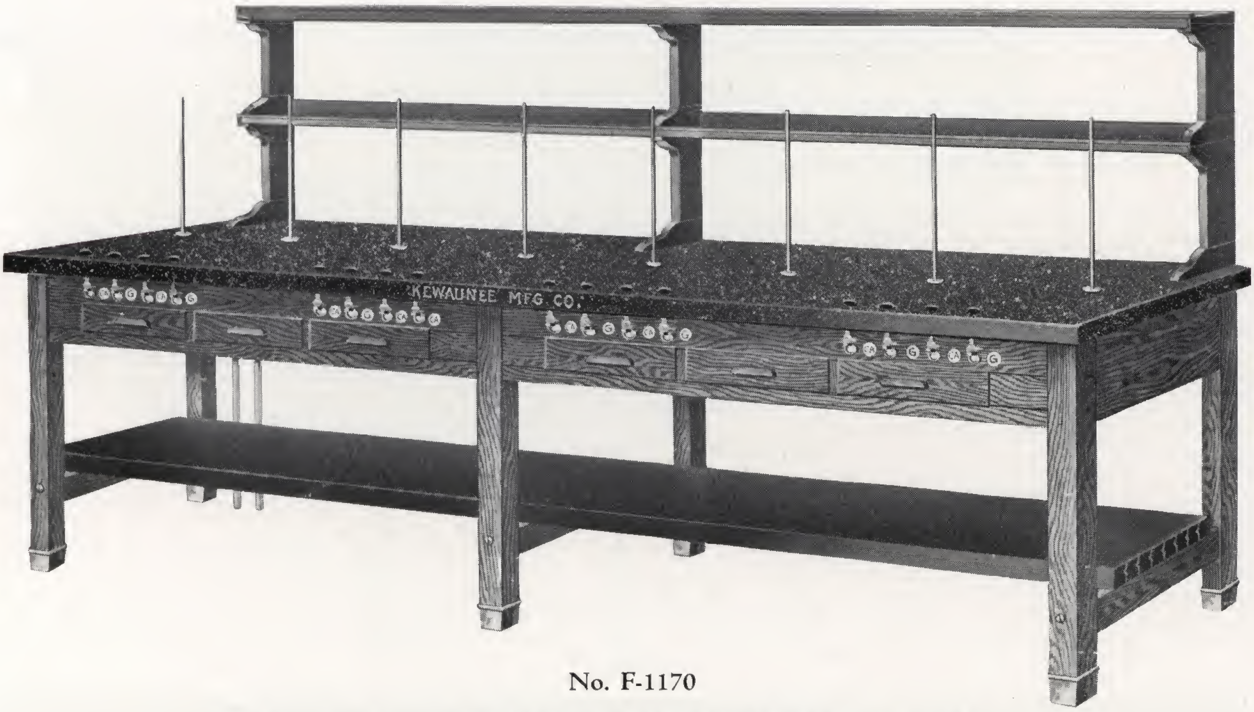
Finish—No. 1 or No. 2 Oak.

Weight crated, No. F-1169—110 lbs.

No. F-1169—Balance Case.



No. F-1169



No. F-1170

No. F-1170 WALL COMBUSTION TABLE

This table will accommodate four students working at one time. The bottle racks and lower table shelf are built of solid birch and finished black acid resisting. The top is of 1¼ inch soapstone. Each working space is equipped with the necessary plates, rods, gas and compressed air fixtures for carrying on two ignitions.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	11½ ft.	30 in.	36 in.	
6 drawers..		14½ in.	2¾ in.	14¼ in.

Construction—Body built of solid selected oak. Shelf constructed of narrow birch strips, matched, glued and dressed to 1⅜ in. thickness. Top 1¼ in. soapstone.

Finish—Body, No. 1 or No. 2 Oak; shelf and reagent rack, black acid resisting finish.

Fixtures—8 burette rods; 8 single gas cocks, 8 single compressed air cocks, piping complete to floor line.

Weight crated—No. F-1170—910 lbs.
No. F-1171—480 lbs.

No. F-1170—Combustion Table, 11½ ft. long.
No. F-1171—Combustion Table, 6 ft. long.

No. F-1173 LABORATORY TRUCK

This truck is a most convenient and servicable item of laboratory equipment. It is made of solid oak with top and shelf black acid resisting finish. Large rubber tired wheels in front and swivel casters in the rear permit easy handling in a limited space.

SPECIFICATIONS

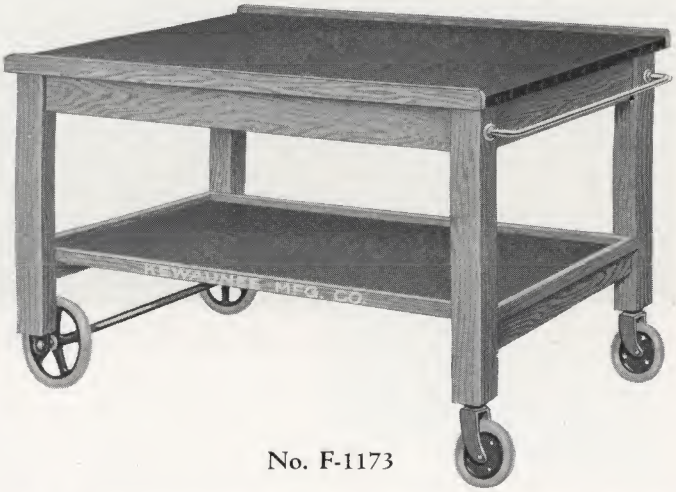
	Length	Width	Height
Overall	36 in.	24 in.	30 in.

Construction—Body built of solid selected oak; top and shelf constructed of birch.

Finish—Body, No. 1 or No. 2 Oak; top and shelf, black acid resisting finish.

Weight crated, No. F-1173—220 lbs.

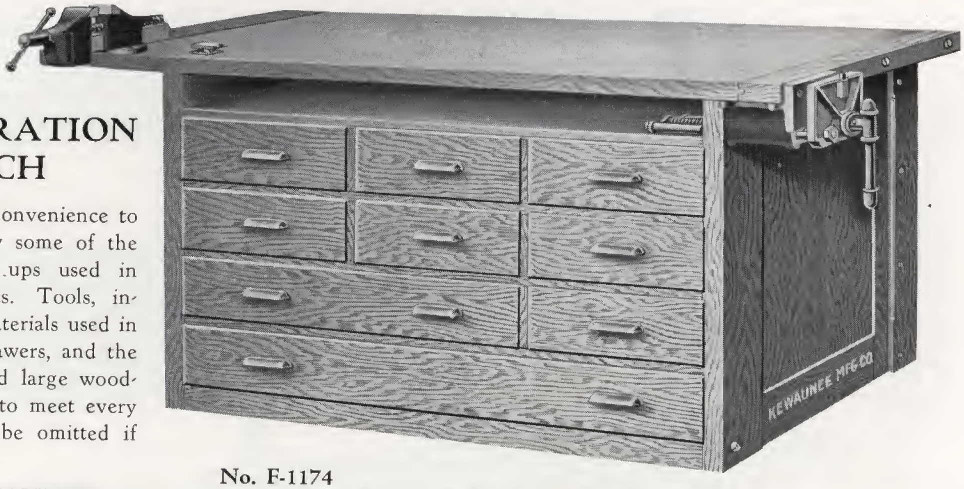
No. F-1173—Laboratory Truck.



No. F-1173

No. F-1174 PREPARATION ROOM BENCH

This bench proves a great convenience to the instructor in making ready some of the apparatus and apparatus set-ups used in Physics and Chemistry courses. Tools, instruments and miscellaneous materials used in this work are stored in the drawers, and the small anvil machinists' vise and large woodworking vise allow this bench to meet every requirement. Either vise can be omitted if desired.



No. F-1174

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	24 in.	36 in.	
7 drawers		16 in.	5½ in.	16¾ in.
1 drawer		34⅜ in.	5½ in.	16¾ in.
1 drawer		52¾ in.	5½ in.	16¾ in.

Construction—Body, selected oak; top, birch.

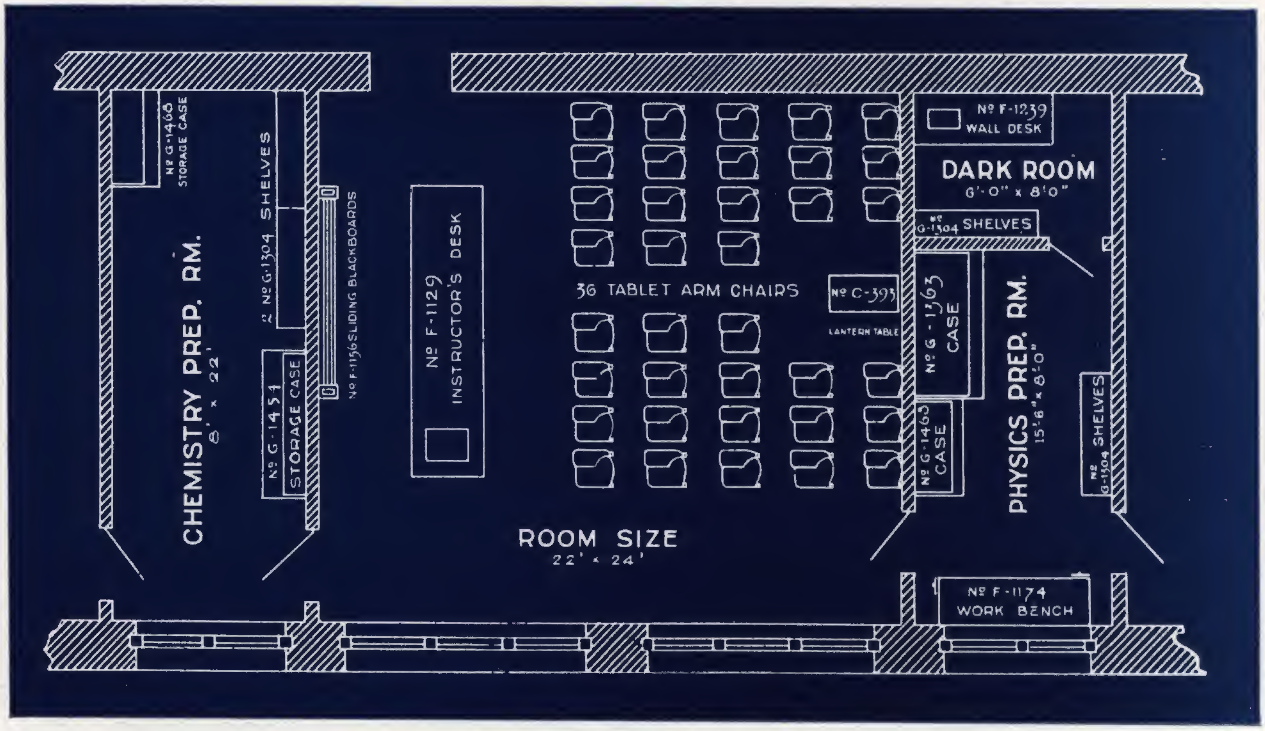
Finish—Body, No. 1 or No. 2 Oak; top, two coats of linseed oil, applied hot.

Fixtures—1 small anvil machinists' vise; 1 large woodworking vise; 1 bench stop.

Weight crated, No. F-1174—460 lbs.

No. F-1174—Preparation Room Bench, without locks.

No. F-1175—Preparation Room Bench, locks alike on all drawers.



LECTURE ROOM PLAN C

This lecture room plan provides a lecture room accommodating 36 students with tablet arm chairs and shows the laboratory situated between the Chemistry department on the left hand and the Physics department on the right hand. The lecture room connects with the Chemistry preparation room and laboratory, and with the Physics preparation room and laboratory by intercommunicating doors, and this arrangement makes it unnecessary to use the corridor in going from one room to the next. This arrangement is recommended where conditions require a lecture room in addition to the laboratory. The complete list of equipment included is as follows.

Lecture Room

36 Tablet Arm Chairs.
1 No. F-1129 Instructor's Table.
1 No. C-393 Lantern Table.
1 No. F-1156 Sliding Blackboard.

Chemistry Preparation Room

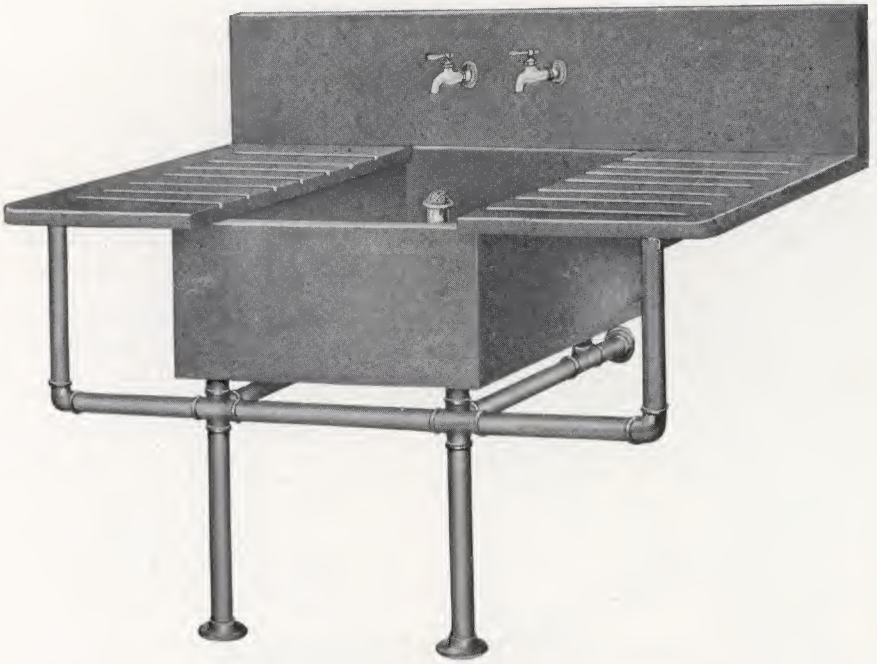
1 No. G-1454 Storage Case.
2 No. G-1304 Laboratory Shelves.
1 No. G-1468 Storage Case.

Physics Preparation Room

1 No. G-1468 Case.
1 No. G-1363 Case.
1 No. G-1304 Laboratory Shelves.
1 No. F-1174 Work Bench.

Dark Room

1 No. G-1304 Laboratory Shelf.
1 No. F-1239 Dark Room Table.



No. F-1178

No. F-1178 LABORATORY WALL SINK AND PEG BOARD

The No. F-1178 provides a very large sink of ample depth. The drain slabs at the right and left ends, and the back, like the sink proper, are of soapstone supported on pipe frame supports. The Peg Board is a very efficient accessory to the sink for drying test tubes, etc.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	59½ in.	18½ in.	3 ft.	
Sink proper	24 in.	16 in.		10 in.
Peg board		20 in.	30 in.	

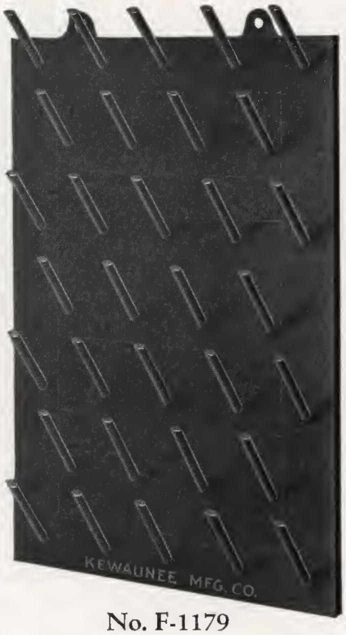
Construction—Sink, drain slabs and splash back of soapstone supported on galvanized iron pipe supports. Peg board is constructed of birch, and has 32 birch pegs 4¾ in. long, finished black acid resisting.

Fixtures—1 cold water tray bibb; 1 hot water tray bibb; 9 in. standing overflow plug, "P" trap, all lead.

Weight crated—No. F-1178—560 lbs., No. F-1179—50 lbs.

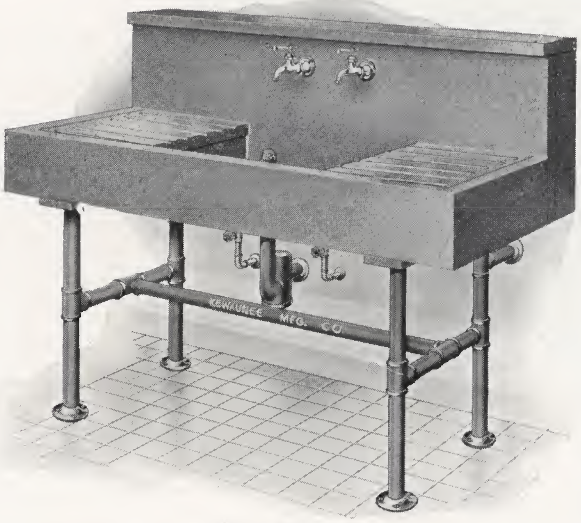
No. F-1178—Laboratory Sink.

No. F-1179—Peg Board.



No. F-1179

No. F-1182 LABORATORY WALL SINK


No. F-1182

This soapstone wall sink has a continuous stone apron and integral drain boards. The back is set out from the wall allowing piping to be carried up behind, and the sink is mounted on a pipe leg frame. This sink has a depth of 6 in. as compared with the 10 in. depth of F-1178 illustrated on the preceding page, and for this reason is recommended only where a shallow depth sink adequately meets the requirements.

SPECIFICATIONS

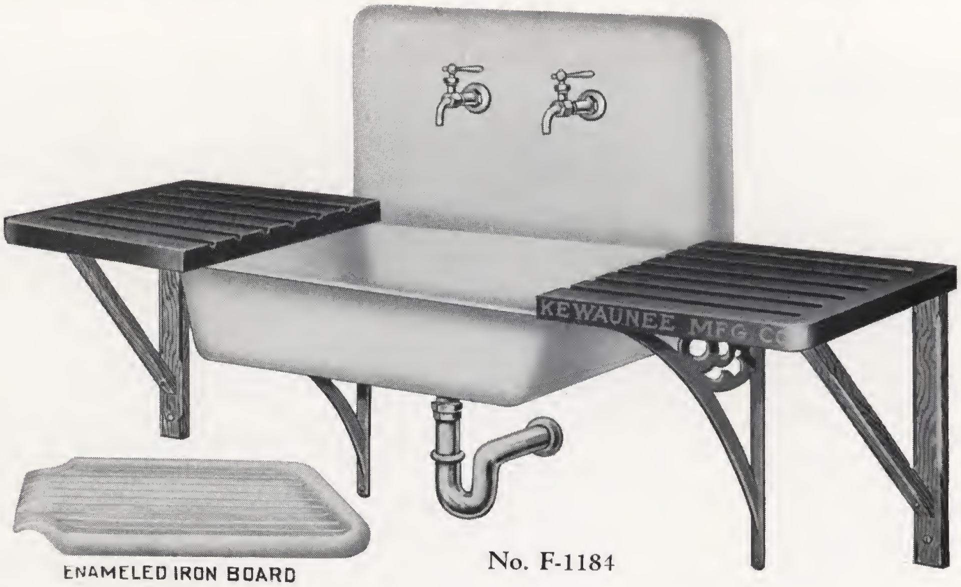
	Length	Width	Height	Dept
Overall	61 in.	21 in.	36 in.	
Sink	21½ in.	15½ in.		6 in.

Construction—Soapstone, supported on pipe leg standards.

Fixtures—1 cold water tray bibb; 1 hot water tray bibb; all lead overflow and "P" trap; Piping complete to wall.

Weight crated, No. F-1182—700 lbs.

No. F-1182—Laboratory Wall Sink.



No. F-1184

No. F-1184 LABORATORY WALL SINK

The enameled iron wall sink illustrated above is recommended for use where a sink is desired for other than chemical usage. This sink is less expensive than a stone sink and will satisfactorily meet sink requirements where resistance to chemical corrosion is not a factor. The sink is supplied with acid resisting finished birch drain boards as shown, or with enameled iron drain boards. Hot and cold water are supplied through tray bibbs, and a nickel plated brass "P" trap is used.

SPECIFICATIONS

	Length	Width	Depth
Overall	5 ft.	18 in.	
Sink	30 in.	18 in.	6 in.

Construction—Sink, splash back and iron drain slab, enameled ware; birch drain boards 1⅝ in. thick, finished black acid resisting; oak brackets, finished No. 1 or No. 2 Oak.

Fixtures—1 cold water tray bibb; 1 hot water tray bibb; nickel plated "P" trap.

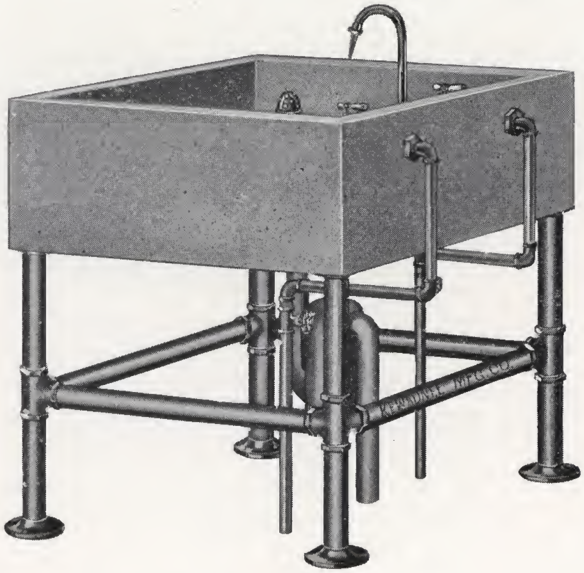
Weight crated—No. F-1184—225 lbs.,
No. F-1185—250 lbs.

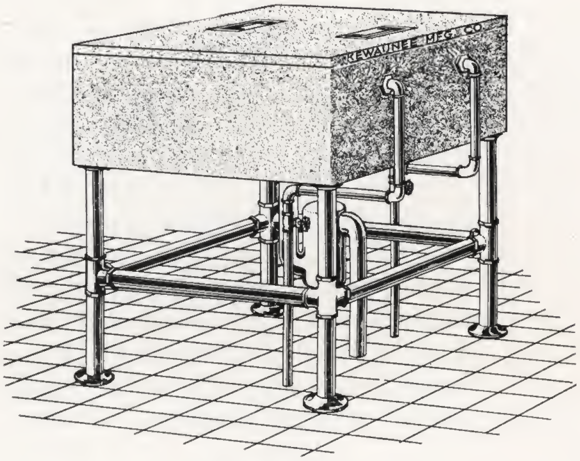
No. F-1184—Wall Sink, wood drain boards.
No. F-1185—Wall Sink, enameled iron drain boards.

No. F-1188 DAVIS FREE STANDING LABORATORY SINK

Certain table arrangements in the laboratory make the use of a free standing laboratory sink necessary. The sink illustrated herewith is a very large deep sink that satisfactorily meets all laboratory sink requirements, and the use of plain tables in connection with this sink provides a very inexpensive combination laboratory equipment. The sink is of soapstone mounted on a heavy pipe leg frame, and hot and cold water are supplied through a swinging spout pantry cock. In the combination science laboratory, during those periods when the sink is not required, it can be covered with the asbestos sink cover as illustrated in No. F-1188, and the water supply is made inaccessible. Installations of this sink with 6 ft. 4-student tables or with 6 ft. single 2-student tables are being widely used in the smaller schools where only a limited amount of laboratory furniture can be installed, and where an inexpensive equipment layout, that will house several sciences, is a necessity.

The sink is also applicable for use in those laboratories where it is not convenient to install a regular laboratory wall sink.


No. F-1188A


KEWAUNEE MFG. CO.
No. F-1188

SPECIFICATIONS

	Length	Width	Height
Overall	26½ in.	26½ in.	32 in.
Sink	24 in.	24 in.	10 in.

Construction—Soapstone, supported on iron pipe leg standards; transite asbestos sink cover.

Fixtures—1 double disappearing pantry cock for hot and cold water; all lead overflow and trap; piping complete to floor line.

Weight crated, No. F-1188—500 lbs.

No. F-1188 —Laboratory Sink.
No. F-1188A—Laboratory Sink, without sink cover.

Kewaunee Chemical-Proof Ceramic Sinks

No. 1.—Kewaunee Chemical-proof Ceramic Sinks, unlike vitrified China, are chemical-proof through their entire thickness, and are not merely protected by a glazed coat. The material of which these sinks are made is unaffected by any of the chemicals met with in laboratory work, and these sinks installed in your laboratory, will last longer than the building, and are permanently guaranteed against acid corrosion, or other chemical action. Other sinks having impurities, such as calcium streaks, are subject to corrosion in the form of pitting, causing a very rough surface, which it is practically impossible to keep clean.

No. 2.—Kewaunee Chemical-proof Ceramic Sinks are made in one piece, without joints. This is a tremendous advantage over natural stone and other sinks built up of a number of pieces joined together with various cements. No laboratory sink is any stronger than its cemented joint, and cemented joints provide frequent possibility of leakage with its consequent expense and destruction. Chemical manufacturers have long realized that storage vessels for acids and chemicals, as well as rectangular tanks, decanting vessels, and soaking vats, baths, and tubs, must be of one piece construction to insure the complete absence of leaky joints, and this need applies equally to the laboratory.

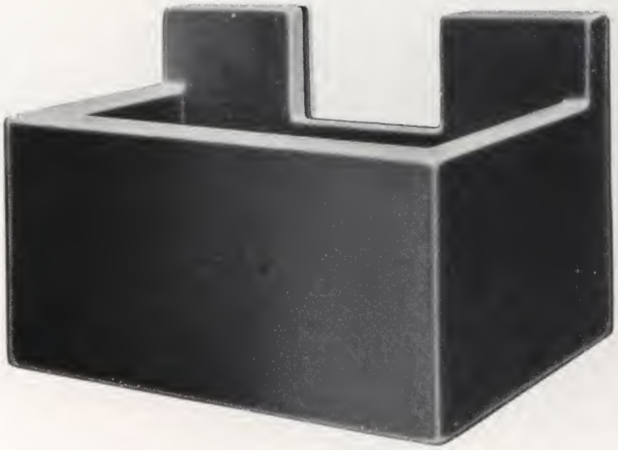
No. 3.—Kewaunee Chemical-proof Ceramic Sinks are easily kept clean. The sinks have rounded corners at both bottoms and sides, which makes it easy to clean the sinks thoroughly. There are no sharp corners to retain dirt. The sinks, further, have a smooth, hard glaze of material similar to the entire sink, and this smooth surface, combined with the rounded corners, make Kewaunee Chemical-proof Ceramic Sinks as easy to clean as a China dish. The material of which these sinks are made will not become slimy in use, as natural stone sinks do.

No. 4.—Kewaunee Chemical-proof Ceramic Sinks are mechanically strong and will withstand abuse that would destroy practically any other type of sink. The mechanical strength of the sinks practically eliminates the danger of breakage in shipment. The material of which the sinks are made is very hard, and will not readily chip, scratch, or otherwise mar.

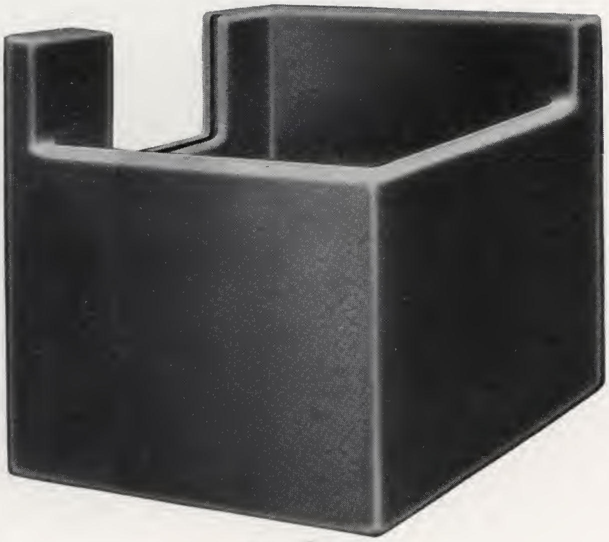
No. 5.—The sinks, being manufactured of Ceramic materials, are uniform throughout, and do not have veins of minerals or calcium streaks, such as are found in other sinks. This uniformity of texture insures every sink being as good as the next.

No. 6.—Kewaunee Chemical-proof Ceramic Sinks, having a hard, uniform glazed surface, easily kept clean, and being stainless, add greatly to the appearance of the laboratory.

No. 7.—Kewaunee Chemical-proof Ceramic Sinks cost no more than less desirable sinks.



No. F-1190



No. F-1192

No. F-1190 CHEMICAL-PROOF SINK

SPECIFICATIONS

	Length	Width	Depth
Overall	22 in.	14 in.	16⅝ in.
Inside	20 in.	12 in.	12 in.

Has high back 3⅝ inches higher than walls of sink, with cut-out 5⅛ inches deep, by 7¾ inches wide, to fit trough draining into sink.

Opening is provided in bottom of sink to take standard Kewaunee 1½ inch pure lead sink spud, which will connect to standard 1½ inch Kewaunee pure lead drum trap. Where necessary, special types of sink openings can be provided, located where required in the bottom.

This type of sink was designed to be used primarily on the ends of tables having a drain trough, and is of a size and design admirably suited for this purpose. It can be used in connection with a number of different types of drain fittings and with several kinds of troughs.

Weight crated, 165 lbs.

No. F-1190—Chemical-proof sink.

No. F-1192 CHEMICAL-PROOF SINK

SPECIFICATIONS

	Length	Width	Depth
Overall	14 in.	12 in.	16⅝ in.
Inside	12 in.	10 in.	12 in.

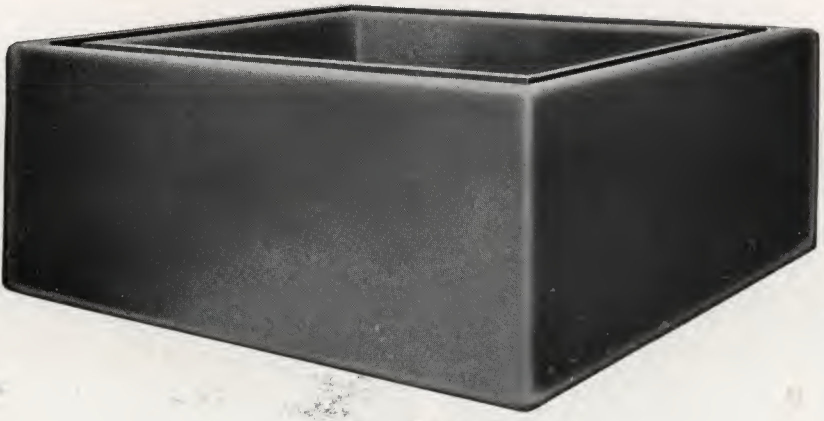
Has high back on two sides 3⅝ inches higher than walls of sink, with cut-out 5⅛ inches deep, by 5¾ inches wide, to fit trough draining into sink.

Opening is provided in bottom of sink to take standard Kewaunee 1½ inch pure lead sink spud, which will connect to standard 1½ inch Kewaunee pure lead drum trap. Where necessary, special types of sink openings can be provided, located where required in the bottom.

This type of sink was designed for use with wall form chemistry tables, and offers a number of improvements in laboratory sink design. The high back, or splash back, on two sides protects the end of the desk and the wall from splashing, and the 12 inch inside depth in connection with either a pantry cock on the top of the table, or a bibb at the end of the reagent rack, allows the use of long and deep glassware.

Weight crated, 110 lbs.

No. F-1192—Chemical-proof sink.



No. F-1193

No. F-1193 CHEMICAL-PROOF SINK

SPECIFICATIONS

	Length	Width	Depth
Overall	17 in.	16 in.	6½ in.
Inside	15 in.	14 in.	5½ in.

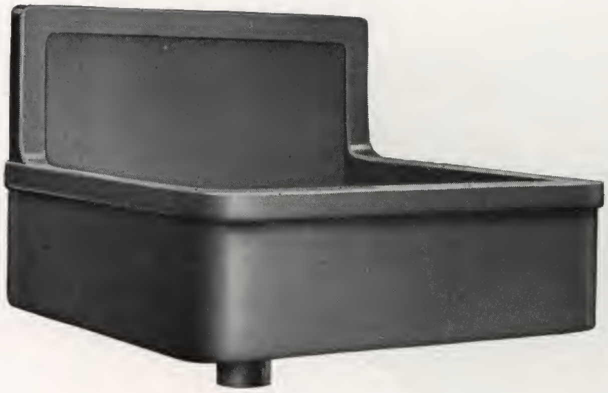
Opening is provided in bottom of sink to take standard Kewaunee 1½ inch pure lead sink spud, which will connect to standard 1½ inch Kewaunee pure lead drum trap. Where necessary special types of sink openings can be provided, located where required in the bottom.

This sink has a myriad of uses in either the educational or industrial laboratory. As a center sink for tables its depth allows it to be used without greatly interfering with drawer space. It is also used mounted on brackets at ends of tables, and anywhere else where a medium-sized chemical-proof sink is required.

Weight crated, 75 lbs.

No. F-1193—Chemical-proof sink.

Inside view of bottom showing standard drain outlet.



No. F-1195 CHEMICAL-PROOF SINK

No. F-1195 Sink is a general laboratory sink which can be used as a wall sink or against the end of a table, or can be used as a tank to store the strongest chemicals with safety.

SPECIFICATIONS—Standard chemical-proof sink specifications.

DIMENSIONS—12 inches, by 20 inches by 7 inches deep. High back or splash back as shown 4 inches high. Overall length 23 inches; overall width 15 inches; overall height 12 inches.

DRAIN—Furnished with integral drain as shown, or with drain opening for standard Kewaunee pure lead laboratory sink spud, to be used in connection with Kewaunee standard 1½ inch pure lead laboratory deep-seal drum trap. Please be sure to specify drain opening desired; also location of same in bottom of sink.
Weight each crated, 90 lbs.

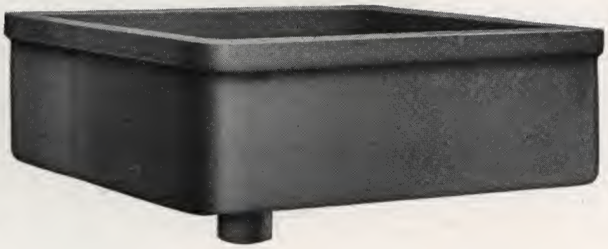
No. F-1196—20 inches long, by 16 inches wide, by 7 inches deep.
Weight each crated, 95 lbs.

No. F-1197—24 inches long, by 16 inches wide, by 7 inches deep.
Weight each crated, 110 lbs.

No. F-1198—32 inches long, by 16 inches wide, by 7 inches deep.
Weight each crated, 135 lbs.

No. F-1199—32 inches long, by 20 inches wide, by 7 inches deep.
Weight each crated, 150 lbs.

No. F-1200—36 inches long, by 18 inches wide, by 7 inches deep.
Weight each crated, 155 lbs.



No. F-1205 CHEMICAL-PROOF SINK

No. F-1205 Sink is similar in design and specification to No. F-1195 sink, except that it has no high back or splash back.

This sink is admirably adapted for use as either a freestanding sink or a center sink on a table. A drain plug can be furnished, the use of which allows the sink to be used as a tray or tank. The strongest chemicals can be kept in the sink indefinitely without corroding the sink.

No. F-1206—20 inches long, by 12 inches wide, by 7 inches deep.
Weight each crated, 75 lbs.

No. F-1207—20 inches long, by 16 inches wide, by 7 inches deep.
Weight each crated, 85 lbs.

No. F-1208—24 inches long, by 16 inches wide, by 7 inches deep.
Weight each crated, 105 lbs.

No. F-1209—32 inches long, by 16 inches wide, by 7 inches deep.
Weight each crated, 120 lbs.

No. F-1210—32 inches long, by 20 inches wide, by 7 inches deep.
Weight each crated, 135 lbs.

No. F-1211—36 inches long, by 18 inches wide, by 7 inches deep.
Weight each crated, 140 lbs.

In correspondence regarding Kewaunee chemical-proof sinks, please specify size, kind of sink opening, and location of sink opening required in order that we may serve you promptly.

No. F-1212 CERAMIC SINK

SPECIFICATIONS

	Length	Width	Depth
Overall	18 in.	10 in.	8 in.
Inside	16 in.	8 in.	7 in.

Opening is provided in bottom of sink to take standard Kewaunee 1½ inch pure lead sink spud, which will connect to standard 1½ inch Kewaunee pure lead drum trap. Where necessary, special types of sink openings can be provided, located where required in the bottom.

No. F-1212—Ceramic Sink.

Weight crated, 60 lbs.

No. F-1213 CERAMIC SINK

SPECIFICATIONS

	Length	Width	Depth
Overall	18 in.	14 in.	8 in.
Inside	16 in.	12 in.	7 in.

No. F-1213—Ceramic Sink.

Weight crated, 90 lbs.

No. F-1214 CERAMIC SINK

SPECIFICATIONS

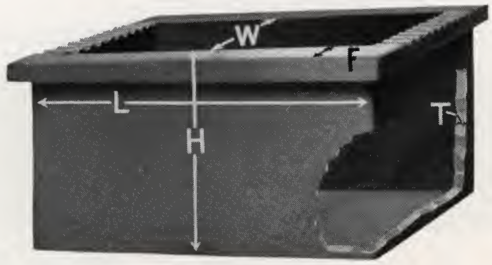
	Length	Width	Depth
Overall	22 in.	14 in.	13 in.
Inside	20 in.	12 in.	12 in.

No. F-1214—Ceramic Sink.

Weight crated, 140 lbs.

The No. F-1212 series of sinks is similar to the No. F-1193 series in design, but varies in depth, being the deep type of center sink, and offers a range of sizes in sinks that will take care of practically any center type chemical laboratory sink requirement.

The No. F-1214 is of a size equal to the sink ordinarily used at the end of student chemistry tables, but is without the high back called for on design No. F-1192 sink. The No. F-1214 sink is an ideal sink for large instructors' desks, and for work tables in industrial and clinical laboratories.



No. F-1215

No. F-1215 RECTANGULAR CHEMICAL-PROOF TANK AND SOAKING VAT

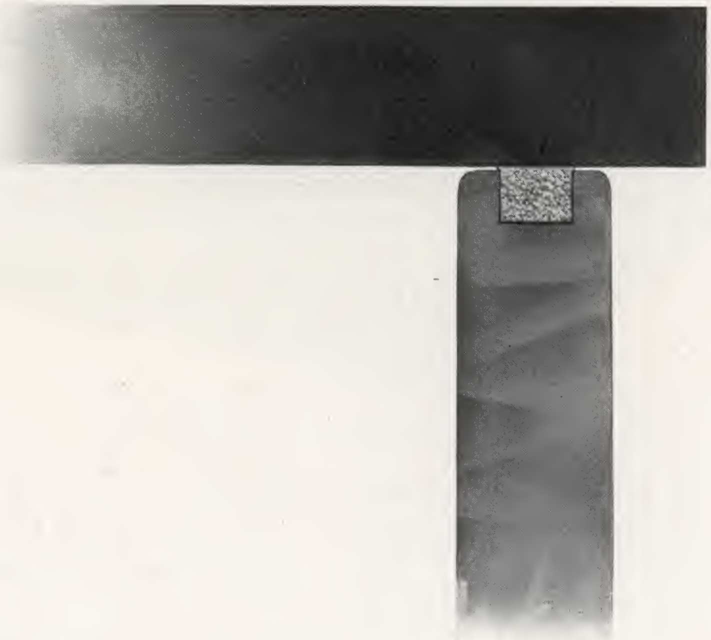
Standard tanks are provided with rim, and with supporting ribs on the sides as required. Tanks are made without outlets, but can be furnished with side or bottom drain outlets, and with chemical ware stop cocks, or sink plugs with stoppers, as ordered. Tanks are furnished with grooved rim as shown, to hold rods placed across top of tank, or are furnished with plain, smooth top where called for.

This tank, when fitted with a drain plug and stopper, is an admirable combination tank and sink. In correspondence regarding these tanks, please advise specifically capacity in gallons required, also if opening for drain is required, and if so, location of same, and whether stop cock or drain plug is required. Also whether top is to be grooved as shown, or smooth. We must have this information to intelligently offer you prompt service.

No. F-1215 RECTANGULAR CHEMICAL-PROOF TANKS AND SOAKING VATS

Capacity gals.	4	10	16	26	40	38	44
L, inches	14½	18½	23	28	28	32½	36½
W, inches	11½	14½	19	20	24	24½	24½
H, inches	9½	12½	12½	17	21	17	17
F, inches	1¼	1⅜	1⅝	2	2⅛	2¼	2⅜
T, inches	⅝	¾	¾	1	1	1⅛	1¼
Weight, lbs.	30	60	80	150	195	185	260
Capacity gals.	66	104	69	119	210	149	320
L, inches	36½	40½	44½	53½	53½	66	79
W, inches	28½	32½	24½	29½	37½	30	39
H, inches	21	25	21	25	33½	25½	33½
F, inches	2⅜	2⅜	2⅜	2¾	2¾	3⅛	3½
T, inches	1¼	1¼	1¼	1⅜	1⅜	1⅝	1¾
Weight lbs.	325	435	360	570	800	790	1350

No. F-1215 — 4 gal. tank.
No. F-1215A— 4 gal. sink with drain outlet.
No. F-1216 —10 gal. tank.
No. F-1216A—10 gal. sink with drain outlet.
No. F-1217 —16 gal. tank.
No. F-1217A—16 gal. sink with drain outlet.
No. F-1218 —26 gal. tank.
No. F-1218A—26 gal. sink with drain outlet.
No. F-1219 —40 gal. tank.
No. F-1219A—40 gal. sink with drain outlet.
No. F-1220 —38 gal. tank.
No. F-1220A—38 gal. sink with drain outlet.
No. F-1221 —44 gal. tank.
No. F-1221A—44 gal. sink with drain outlet.
No. F-1222 — 66 gal. tank.
No. F-1222A— 66 gal. sink with drain outlet.
No. F-1223 —104 gal. tank.
No. F-1223A—104 gal. sink with drain outlet.
No. F-1224 — 69 gal. tank.
No. F-1224A— 69 gal. sink with drain outlet.
No. F-1225 —119 gal. tank.
No. F-1225A—119 gal. sink with drain outlet.
No. F-1226 —210 gal. tank.
No. F-1226A—210 gal. sink with drain outlet.
No. F-1227 —149 gal. tank.
No. F-1227A—149 gal. sink with drain outlet.
No. F-1228 —320 gal. tank.
No. F-1228A—320 gal. sink with drain outlet.

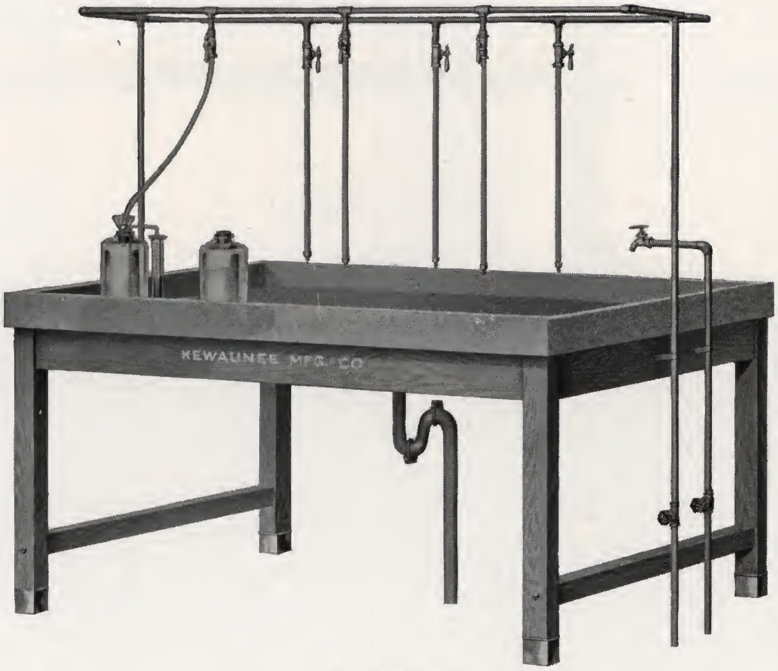


KEWAUNEE "ASBESTOS-SEAL" CERAMIC JOINT

Because of the fact that there is always a certain unevenness in expansion and contraction during kiln firing of Ceramic ware, a great deal of difficulty has been experienced, in the past, in making water tight joints that were proof against capillary attraction carrying water back between the top edge of the sink and the table top. The Kewaunee "asbestos-seal" joint successfully eliminates this difficulty. A heavy groove is provided in the edge of Kewaunee Ceramic sinks wherever these edges come in contact with table tops or troughs, and a heavy asbestos rope packing fills this groove and provides a water tight joint between the Ceramic sink and the table top or drain trough. Asbestos rope is very resistant to chemical corrosion, and therefore, provides a corrosion resisting gasket or packing that takes up any unevenness in the top edge of the Ceramic sink and renders the joint leak-proof for all time.

This Kewaunee feature is of great importance and overcomes what has always been a possible deterrent to complete satisfaction in a Ceramic sink installation.

The care with which this detail is handled provides another illustration of Kewaunee thoroughness in all things, and this Kewaunee thoroughness in details is one of the major reasons why "Kewaunee" is the standard and the preferred laboratory furniture of America.



No. F-1235

No. F-1235 ACID POURING TABLE

A great deal of time is saved in filling small bottles and containers from large acid containers with the use of the Acid Pouring Table listed above.

The piping system above the table carries compressed air, which is distributed through six outlets, three on each side of the table. A rubber hose is connected to each compressed air outlet and a valve, similiar in operation to an ordinary automobile tire valve, is provided at the end of each hose. This valve opens when contact is made with a small glass funnel inserted into the acid container through the stopper. The compressed air drives the acid through glass tubing into the smaller containers and the flow of acid from the large container to the small bottle stops immediately when the air pressure is released by breaking contact between the valve and the funnel. With this table acid can be poured quickly, conveniently, and without spilling, and a great deal of labor saved.

The top and retaining rim of the table are wood, lined with 6 lb. sheet lead, or of 1¼ in. thick soapstone as desired. Water for flushing off the table is furnished through a tray bibb at the end of the table, and a Duriron drain and trap is provided in the center of the table top.

SPECIFICATIONS

	Length	Width	Height
Overall	6 ft.	36 in.	36 in.

Construction—Body of table built of solid selected oak. Top lined with 6 lb. sheet lead.

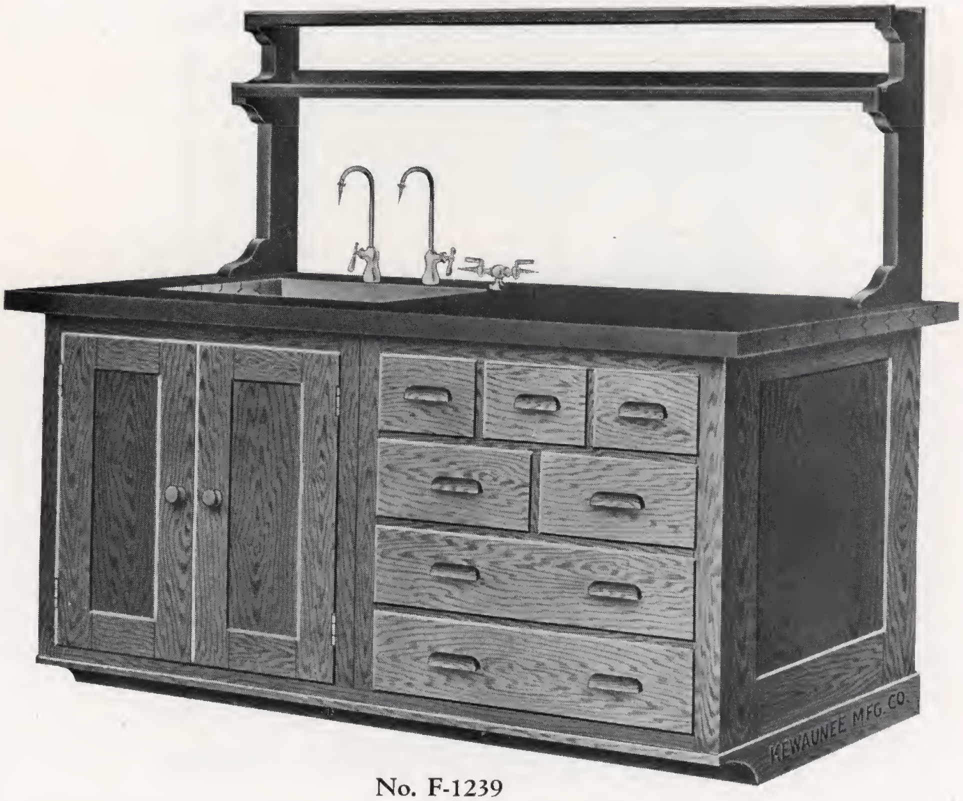
Finish—Body of table No. 1 or No. 2 Oak.

Fixtures—6 single air cocks; 1 cold water tray bibb. Duriron drain and trap, with piping complete to floor line.

Weight crated—No. F-1235—280 lbs., No. F-1236—400 lbs.

No. F-1235—Acid Pouring Table, lead covered top and rim.

No. F-1236—Acid Pouring Table, 1¼ in. thick soapstone top and rim.



No. F-1239

No. F-1239 PHOTOMETRY TABLE

A table properly equipped with gas and water, and having convenient and adequate storage space is one of the most important factors in the well furnished dark room. You will find all these features well represented in our No. F-1239, illustrated above.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5½ ft.	27 in.	36 in.	
3 drawers		7¾ in.	5¾ in.	19¼ in.
2 drawers		12¾ in.	5¾ in.	19¼ in.
2 drawers		27¾ in.	5¾ in.	19¼ in.
Cupboard		29¼ in.	28½ in.	22¼ in.
1 stone sink	22 in.	14 in.		6 in.

Construction—Body of table built of solid selected oak. Top is constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

Finish—Body of table No. 1 or No. 2 Oak. Top and reagent rack, black acid resisting finish.

Fixtures—1 single cold water pantry cock; 1 single hot water pantry cock; 1 double long spout gas cock, with piping complete to floor line.

Weight crated—No. F-1239—640 lbs.,
No. F-1240—740 lbs.

No. F-1239—Photometry Table, wood top.

No. F-1240—Photometry Table, 1¼ in. thick soapstone top.

No. F-1242 PHOTOMETRY TABLE

The Photometry Table shown is similiar to table No. F-1239 illustrated and described above, except that one additional cupboard section is added, providing considerably more storage space.

SPECIFICATIONS

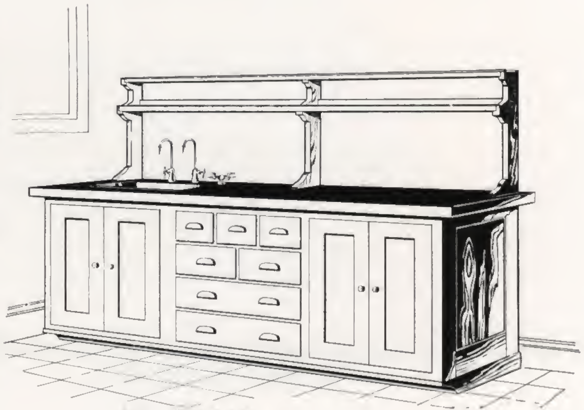
	Length	Width	Height
Overall	8 ft.	27 in.	36 in.

Weight crated—No. F-1242—720 lbs.

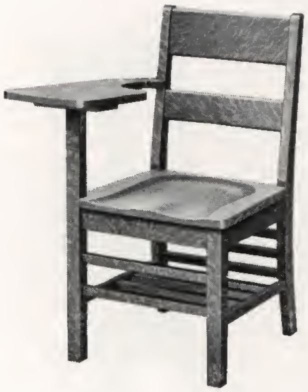
No. F-1242—Photometry Table, wood top.

No. F-1243—Photometry Table, 1¼ in. thick soapstone top.

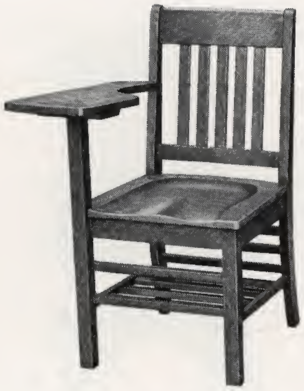
See also page 59 for Photometry Table.



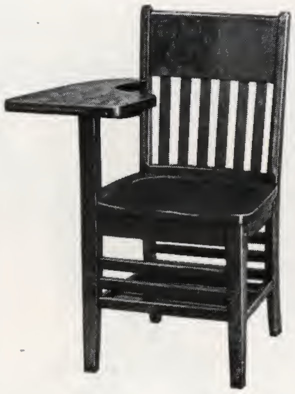
No. F-1242



No. F-1248



No. F-1249

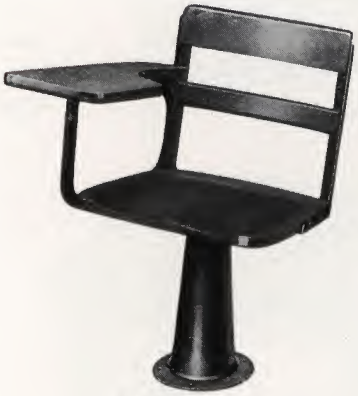


No. F-1250

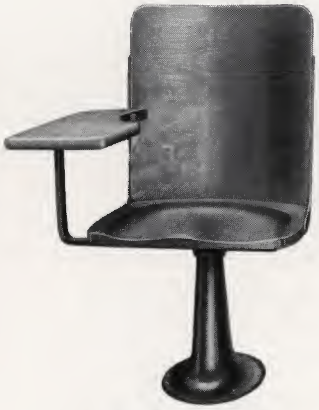
RECITATION AND LECTURE ROOM TABLET ARM CHAIRS

The Recitation Room Tablet Arm Chairs illustrated above, are all very heavily constructed of selected quarter sawed oak. The saddle seat is comfortable and the full box frame and bolted construction make this chair very rigid. The tablet arm is bolted and reinforced with heavy metal angles. A book rack is provided beneath the seat as shown. Finished in School Brown, No. 1 or No. 2 Oak as desired.

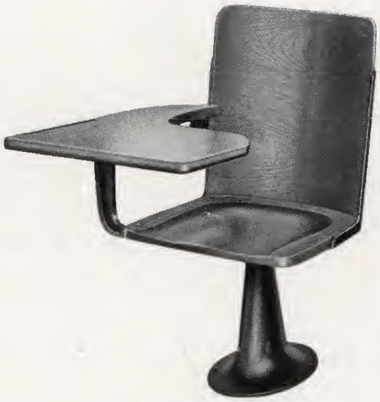
No. F-1248—Weight, 23 lbs.
No. F-1249—Weight 20 lbs.
No. F-1250—Weight 28 lbs.



No. F-1251



No. F-1252

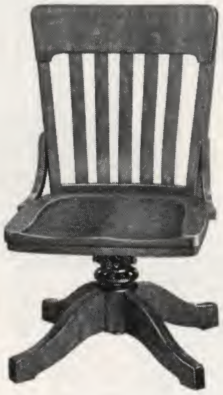


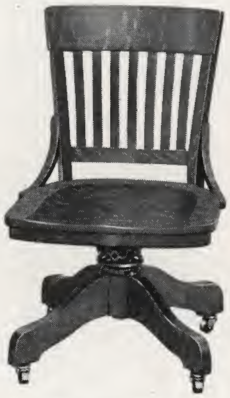
No. F-1253

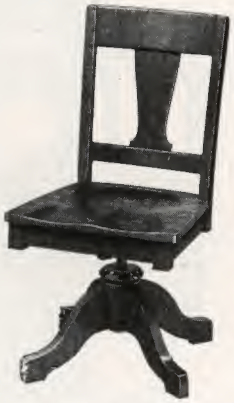
LECTURE ROOM PEDESTAL TABLET ARM CHAIRS

These chairs are designed for use in College Lecture Rooms and are provided with large tablet arms, as shown. The heavy semi steel pedestal, saddle seat, and curved back provide comfort, and the heavy malleable steel brackets and steel bracket supports provide strength and rigidity. Pedestal bases and metal parts are black enameled and wood parts are finished in School Brown, or No. 1 or No. 2 Oak.

No. F-1251—Weight 34 lbs.
No. F-1252—Weight 38 lbs.
No. F-1253—Weight 41 lbs.

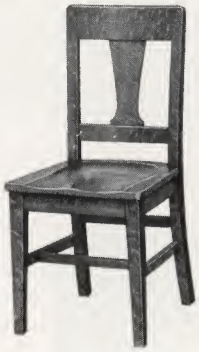

No. F-1254


No. F-1255

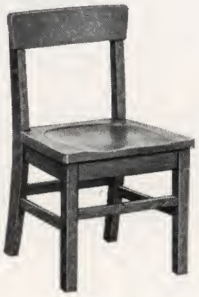

No. F-1256

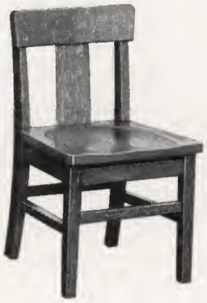
SCHOOL AND KINDERGARTEN CHAIRS

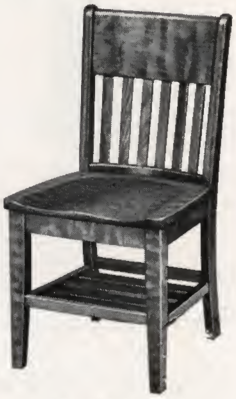
All of the chairs illustrated herewith are built of selected quarter sawed oak and are very well made and strongly built. The revolving swivel chairs are adjustable in height and have steam bent back braces at side of seat. Other chairs have full box seat, heavily braced. In ordering Kindergarten Chairs be sure to specify height desired.


No. F-1258

No. F-1254 —Swivel Chair.
No. F-1255 —Swivel Chair.
No. F-1256 —Swivel Chair.
No. F-1258 —Dining and Utility Chair.
No. F-1262 —Utility Chair.
No. F-1260 —Kindergarten Chair 12 in. high.
No. F-1260A—Kindergarten Chair 10 in. high.
No. F-1260B—Kindergarten Chair 14 in. high.
No. F-1261 —Kindergarten Chair 12 in. high.
No. F-1261A—Kindergarten Chair 10 in. high.
No. F-1261B—Kindergarten Chair 14 in. high.


No. F-1260


No. F-1261

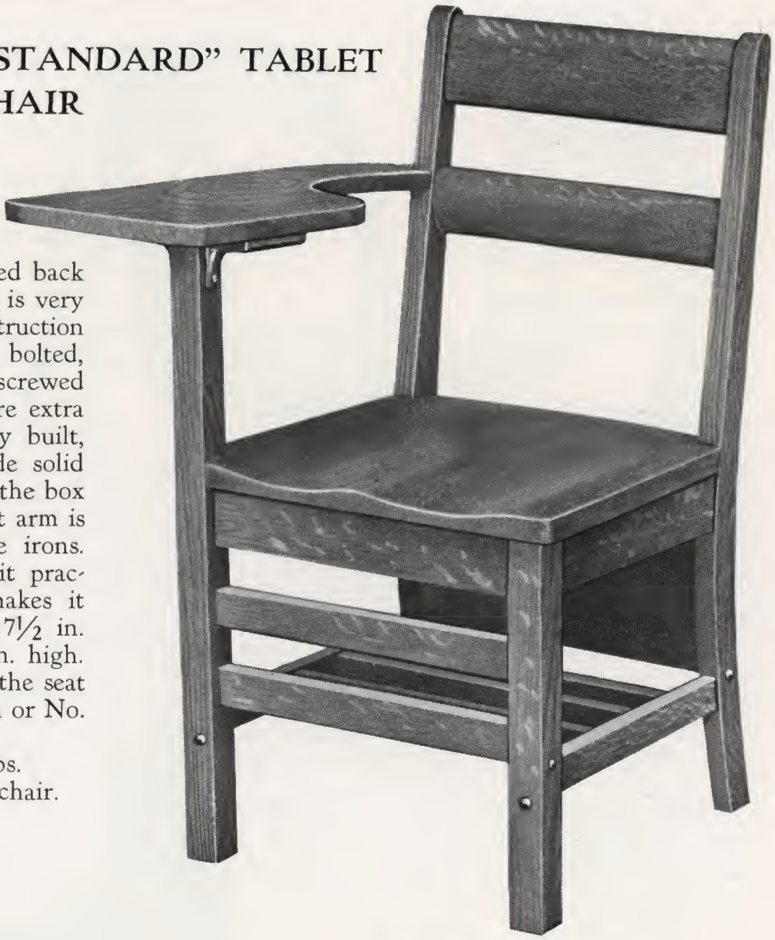

No. F-1262

No. F-1263 KEWAUNEE "STANDARD" TABLET ARM CHAIR

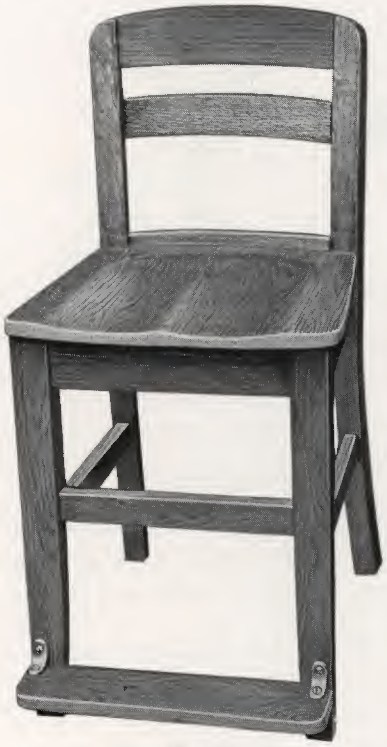
This selected quarter sawed white oak tablet arm chair is especially built for use in the secondary school and college lecture rooms and is an extremely high quality chair. The curved back slats are rounded for comfort. The seat is very comfortably saddled and the construction throughout is mortised, tenoned and bolted, while the box seat is reinforced with screwed corner braces. The bottom stretchers are extra heavy and the book rack very strongly built, further bracing the chair. A very wide solid back slat is provided as shown, beneath the box seat at the back of the chair. The tablet arm is securely bolted and braced with angle irons. The construction of this chair makes it practically indestructible and the design makes it very comfortable. The saddle seat is 17½ in. wide by 16 in. deep. The back is 18 in. high. The tablet arm is 9½ in. by 22 in. and the seat is 18 in. high. Finished in School Brown or No. 1 or No. 2 Oak finishes.

Weight crated—No. F-1263—30 lbs.

No. F-1263—"Standard" Tablet arm chair.



No. F-1263



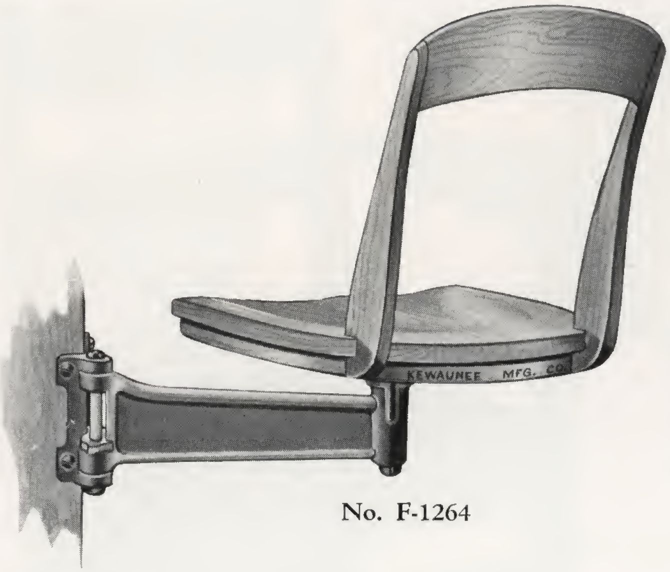
No. F-1259

No. F-1259 LINCOLN CHAIR

The Lincoln chair is designed for use in connection with the Lincoln Science tables. The working surface of the Lincoln tables is 33 in. high, and this necessitates the use of a chair 21 in. high. In addition to its increased height, the Lincoln chair is further so designed that it will slide in between the end legs of the cross members of the Lincoln tables, and thus can be placed entirely out of the way when not in use. A foot rest is provided 3 in. above the floor which makes the chair as comfortable to use as the ordinary 18 in. chair. The Lincoln chair is sturdily built having full box seat, heavily braced, and very heavy legs and stretchers. Furnished in School Brown, No. 1 or No. 2 Oak finishes.

Weight crated, 28 lbs.

No. F-1259—Lincoln Chair.


KEWAUNEE MFG. CO.

No. F-1264

No. F-1264 NON-COLLIDING SWINGING CHAIR

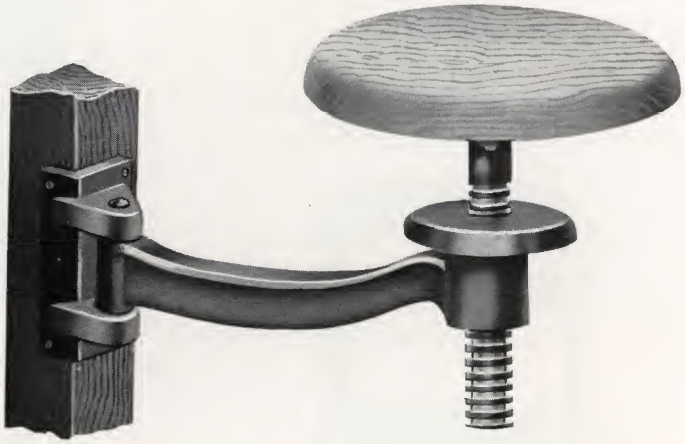
The Kewaunee non-colliding swinging chair consists of an extremely heavy, specially designed cast iron bracket having stops arranged on both the casting itself and on the chair attachment, to prevent the chair from colliding with the cabinet or table top. The chair is built of selected oak, and has a screwed reinforced steam bent white oak box, and a very comfortable steam bent curved back. The Kewaunee swinging chair is built to sustain any shock or weight that it can be subjected to in use, and is fully guaranteed.

No. F-1264—Non-colliding swinging chair.

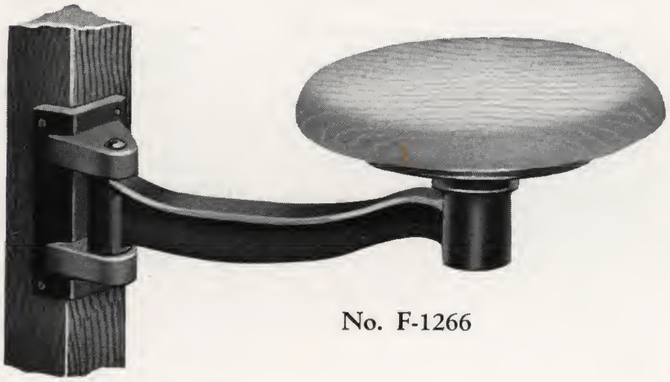
No. F-1265 ADJUSTABLE SWINGING STOOL

The heavy bracket of this adjustable swinging stool gives it great strength, and the carefully machined adjustable screw provides easy adjustment. The stool top is 12 in. in diameter, and is dished, with rounded edges. Adjustable over a range of 5 in. in height.

No. F-1265—Adjustable swinging stool.



No. F-1265



No. F-1266

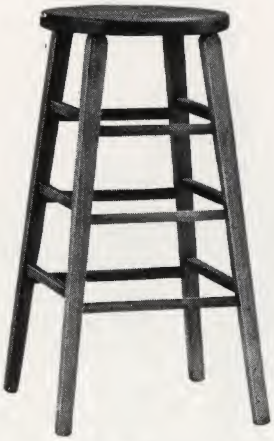
No. F-1266 NON-ADJUSTABLE SWINGING STOOL

The non-adjustable swinging stool has a 12 in. dished top with rounded edges, and the same sturdy bracket as the No. F-1265 shown above.

No. F-1266—Non-adjustable swinging stool.

No. F-1268

No. F-1269

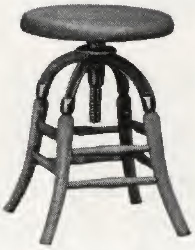


No. F-1270

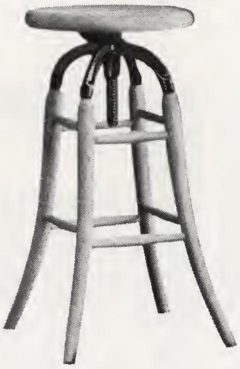
NON-ADJUSTABLE STOOLS

The square legged stools illustrated above are furnished in three sizes. They are constructed throughout of maple and are provided with 12 in. dished seats.

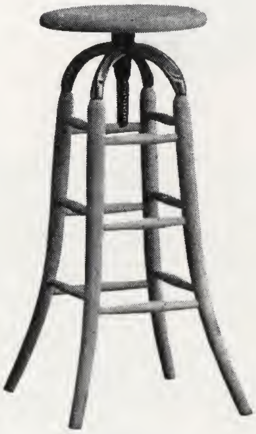
No. F-1268—Non-adjustable stool, 18 in. high.
No. F-1269—Non-adjustable stool, 24 in. high.
No. F-1270—Non-adjustable stool, 30 in. high.



No. F-1271



No. F-1272



No. F-1273

ADJUSTABLE STOOLS

The adjustable stools illustrated above are very solidly constructed with turned rungs and turned steam bent maple legs. The metal parts are extra strong, and the adjustable screw very carefully machined. Stools have 5 in. adjustment in heights. Metal parts are black enamel, and stool is furnished in School Brown, No. 1 or No. 2 Oak finishes.

No. F-1271—Adjustable stool, 18 in. high.
No. F-1272—Adjustable stool, 27 in. high.
No. F-1273—Adjustable stool, 33 in. high.

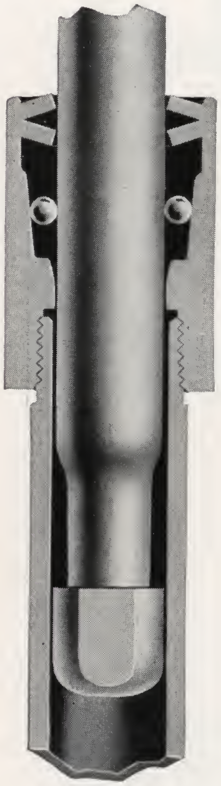


Fig. A

EVER-HOLD
AUTOMATIC ADJUSTABLE STEEL STOOLS AND CHAIRS

The Ever-Hold automatic adjustable stool is the last word in design and construction of "trouble-free" adjustable stools.

These stools are built throughout with steel, with the exception of the hardwood seat, and this can be furnished in steel if desired.

The Ever-Hold design and construction is a product of experience, and has solved the modern seating problem in schools, universities, hospitals, laboratories, drafting rooms and many other places where severe usage is accorded a stool, and where the wide range in age and size of the users demands a "trouble-free" adjustable stool that can be adjusted quickly and without confusion.

Figure A illustrates the automatic locking device incorporated in the steel legs of the Ever-Hold chairs and stools. This locking device is patented (March 16, 1926), and is used on all Ever-Hold adjustable steel stools and chairs. Its simple construction makes it "trouble-free" and it is fully guaranteed.

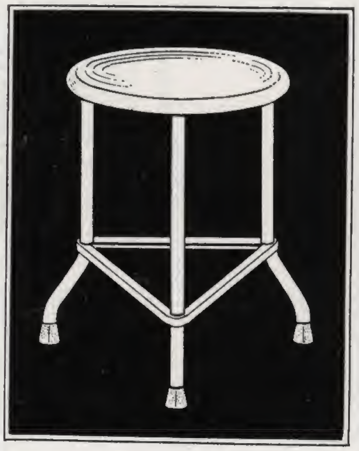
To raise the stool or chair to the desired height, it is only necessary to pull up on the seat; to lower it, the stool is turned upside down, which releases the locking device.

Because of the success of the Ever-Hold adjustable feature, and the strength and beauty of the Ever-Hold stools and chairs, they are being widely used in secondary school and college laboratories.

Except in the case of the white enameled stools, all Ever-Hold stools and chairs are furnished with metal parts finished in Olive Brown or Dark Blue enamel, and have wood seats furnished in No. 1 or No. 2 Oak finish.

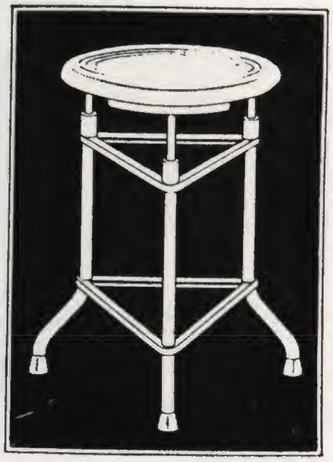
The foot rests where furnished, are adjustable to any desired height, and the back rest is exceptionally comfortable.

This installation of Ever-Hold Automatic Stools is in one of the laboratories at Vanderbilt University, Nashville, Tenn.



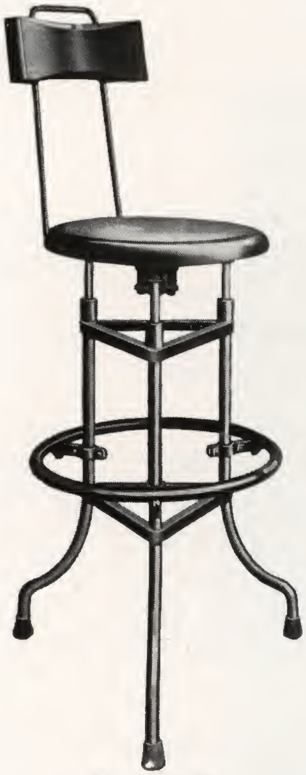
No. F-1275 Stool

This non-adjustable stool, finished in white enamel, is furnished in two heights, 15 in. and 18 in., and is provided with rubber tips.



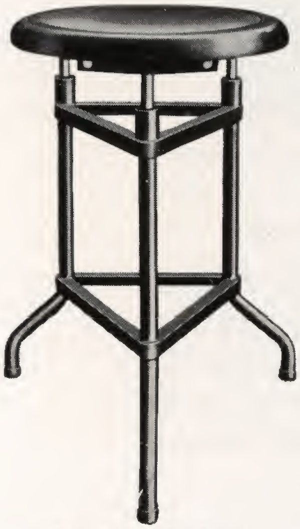
No. F-1274 Stool

Finished in white enamel and supplied with rubber tips, this stool is very popular with hospitals, and for doctors and dentists offices, and in Domestic Science departments. Extends from 20 in. to 30 in. in height.



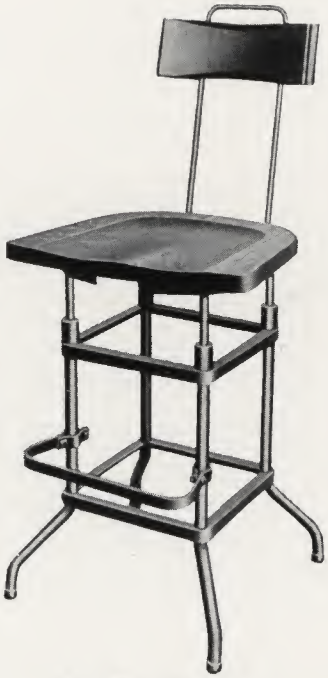
No. F-1278

The height of this chair can be adjusted from 25 in. to 35 in., and the wood seat is 14 in. in diameter. Foot rest can be adjusted to any desired height.



No. F-1277 Stool

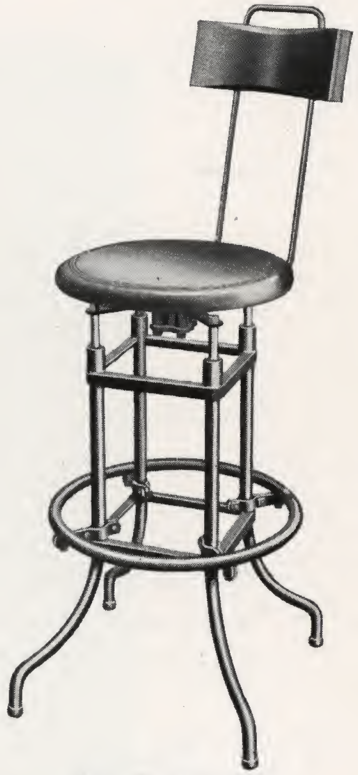
This three legged stool can be adjusted from 20 in. to 30 in. in height, and has a 14 in. dished seat.



No. F-1279 Chair

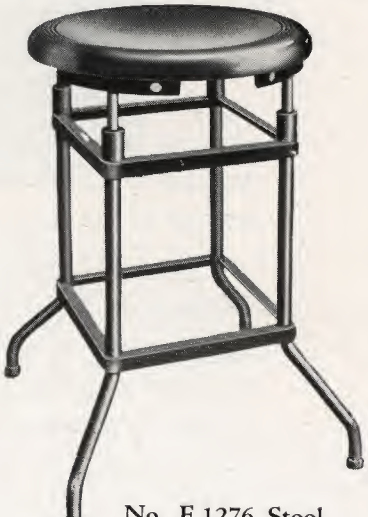
This four legged chair is very solid and rigid, and can be adjusted from 20 in. to 30 in. in height, and foot rest can be adjusted to any desired height. The saddle chair seat makes this chair very desirable.

No. F-1274—White enamel adjustable stool.
No. F-1275—White enamel non-adjustable stool, 15 in. high.
No. F-1275A—White enamel non-adjustable stool, 18 in. high.
No. F-1276—Adjustable stool.
No. F-1277—Adjustable stool.
No. F-1278—Adjustable chair.
No. F-1279—Adjustable chair.
No. F-1280—Adjustable chair.



No. F-1280 Chair

This four legged chair is adjustable from 25 in. to 35 in. in height, and has adjustable foot rest. The round dished 14 in. seat and curved back make a very rigid and comfortable high chair.



No. F-1276 Stool

This four legged stool is adjustable from 20 in. to 30 in. in height, and has a 15 in. hardwood seat. It is complete with leg tips

CASES AND CABINETS

The proper choice and arrangement of cases and cabinets for storing and displaying the many items of apparatus, equipment, materials, bulletins, trophies and all of the countless other objects that must be properly taken care of in educational buildings, presents a problem secondary in importance to little else.

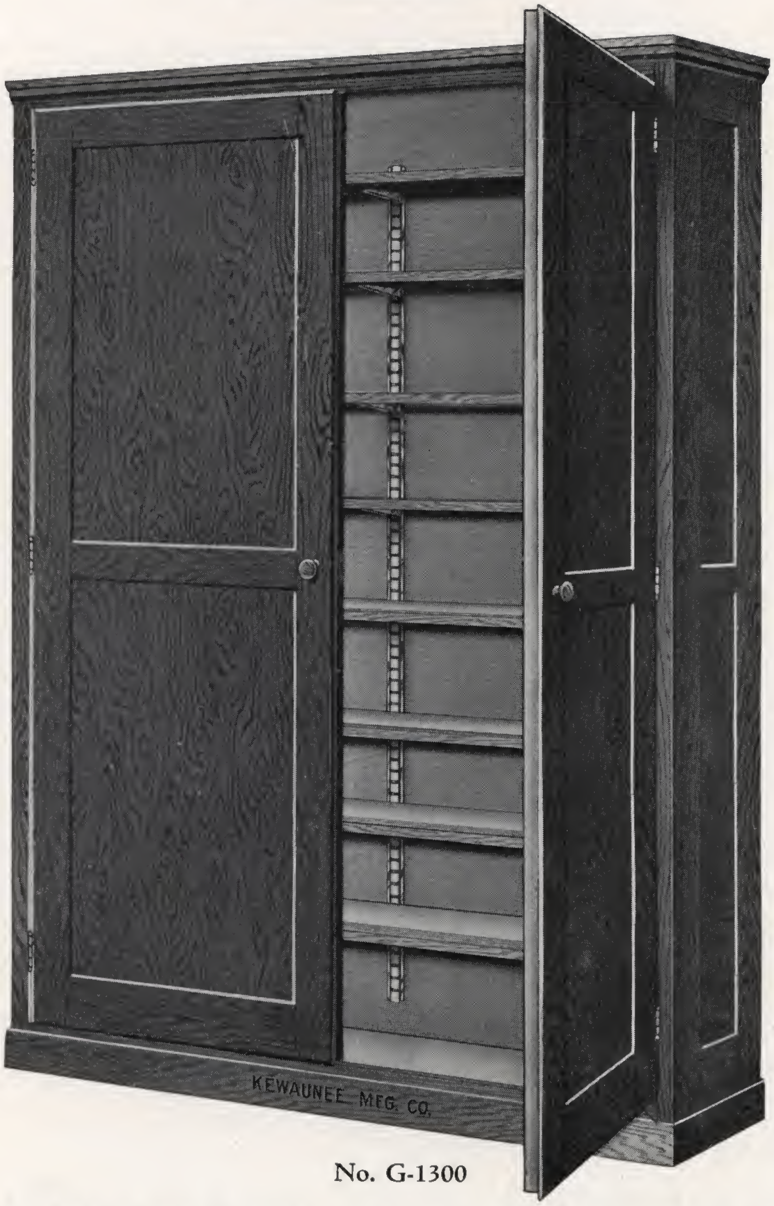
The importance of proper storage and display cases is particularly marked in the Chemistry and Physics departments. Supplies of chemicals and reagents must be stored conveniently, where they can be quickly located, and safely, so that they will not be tampered with or allowed to deteriorate. Physics apparatus must be stored in such manner that it is protected from rust, chemical corrosion, dust and dirt. It must also be stored so it is conveniently accessible.

The experienced instructor knows the importance of the proper kind of storage cases and cabinets in keeping good order and supervision in the laboratory, and this is true as well in the vocational and home economics departments.

Cases and cabinets of every description and to meet almost any requirement, are illustrated and described on the following pages, and we believe that practically every cabinet and storage case requirement can be met with one or more of our standard designs illustrated.

All of the various types of cases and cabinets shown can be had in sections joined together to form any required length, and combinations of various types of cabinets can be joined together in one continuous cabinet or case of the required length to meet varied storage requirements.

Before selecting a cabinet or case for any particular purpose, we would recommend a perusal of the entire case section, as it is very difficult to classify cases according to their use. For example, a case or cabinet that has been classified as a Physics laboratory storage and display case, might be just the size and design desired for use in some other department of your building.



No. G-1300

G-1300 LABORATORY STOCK AND SUPPLY CASE

The eight adjustable shelves of this shallow supply case provide very convenient storage space for laboratory supplies, and swinging doors keep contents clean and dust free. The doors are fully overlapped. A storage or supply case having wood paneled doors is very convenient for use in storing chemicals that deteriorate when subjected to light.

SPECIFICATIONS

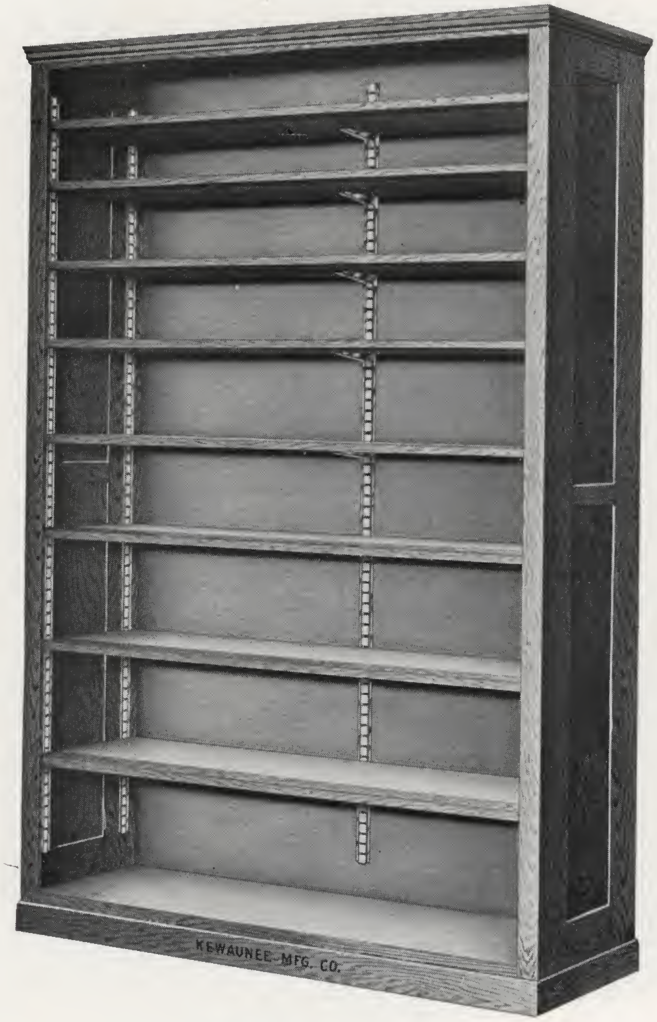
	Width	Height	Depth
Overall	60 in.	7 ft.	15 in.

Construction—Exterior, selected white oak; 8 adjustable shelves 12 in. wide.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1300—460 lbs.

No. G-1300—Laboratory Stock and Supply Case.



No. G-1304

G-1304 LABORATORY STOCK AND SUPPLY SHELVES

The laboratory stock and supply shelving illustrated above is particularly adaptable for use in the chemical stock and supply rooms. The eight heavy shelves are adjustable, and all heights of bottles and containers can be accommodated. The shelves are 9 in. wide, which allows any bottle or other chemical container to be conveniently reached.

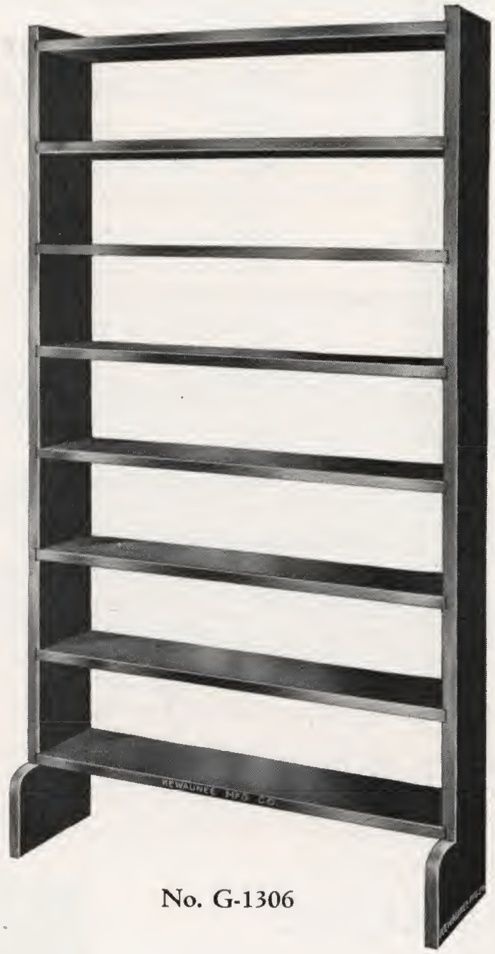
SPECIFICATIONS

	Width	Height	Depth
Overall	60 in.	7 ft.	12 in.

Construction—Exterior, selected white oak; Eight 9 in. wide, adjustable shelves.

Weight crated—No. G-1304—320 lbs.

No. G-1304—Laboratory Stock and Supply Shelves.



No. G-1306

No. G-1306 OPEN LABORATORY SHELVING

Since laboratory and stock room shelving is usually placed directly against the wall, shelving without a back can be frequently used at a considerable saving in cost. The open shelving above has eight fixed shelves and is furnished in units 36 in. wide to make up any desired length. The shelving is painted with acid resisting black paint and is very attractive. This type of shelving is very convenient for carrying reagent bottles and frequently used chemical supplies in the laboratory, and provides excellent storage for stock chemicals in the supply and stock room.

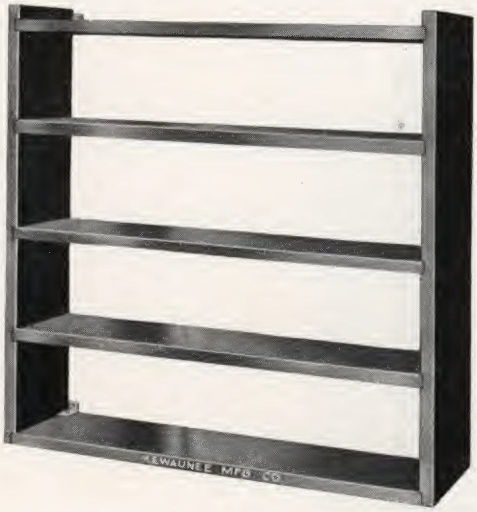
SPECIFICATIONS

	Width	Height	Depth
Overall	36 in.	6 ft. 6 in.	8 in.

Construction—Built of birch, finished black acid resisting; 8 fixed shelves 5 inches wide.

Weight crated—No. G-1306—190 lbs.

No. G-1306—Open Laboratory Shelving.
No. G-1307—Additional 3 ft. units.



No. G-1308

No. G-1308 OPEN LABORATORY SHELVING

This type of shelving is designed to be secured to wall, and can be used over balance tables, radiators and in other places where it is impossible to use shelving reaching to the floor. The shelving is furnished in units of 36 in. in length, and any desired number of units can be furnished to make up any required length. The five fixed shelves provide very convenient and accessible storage space for reagents and chemicals frequently used in the laboratory.

SPECIFICATIONS

	Width	Height	Depth
Overall	36 in.	39 in.	5 in.

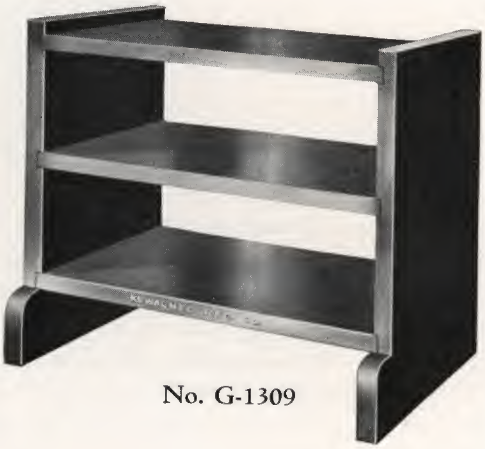
Construction—Built of birch, finished black acid resisting; 5 fixed shelves 5 inches wide.

Weight crated—No. G-1308—90 lbs.

No. G-1308—Open Laboratory Shelving.

No. G-1309 OPEN LABORATORY SHELVING

Frequently, low heavy shelving is required for use in the laboratory and stock room where heavy supplies and materials are to be accommodated, and this floor type open shelving is constructed of very heavy materials throughout to meet this requirement. The three fixed shelves are 1⅜ in. thick and the ends are 1⅝ in. thick. This type of shelving is furnished in units of 36 in. in length, and any number of units can be joined to obtain any required length.



No. G-1309

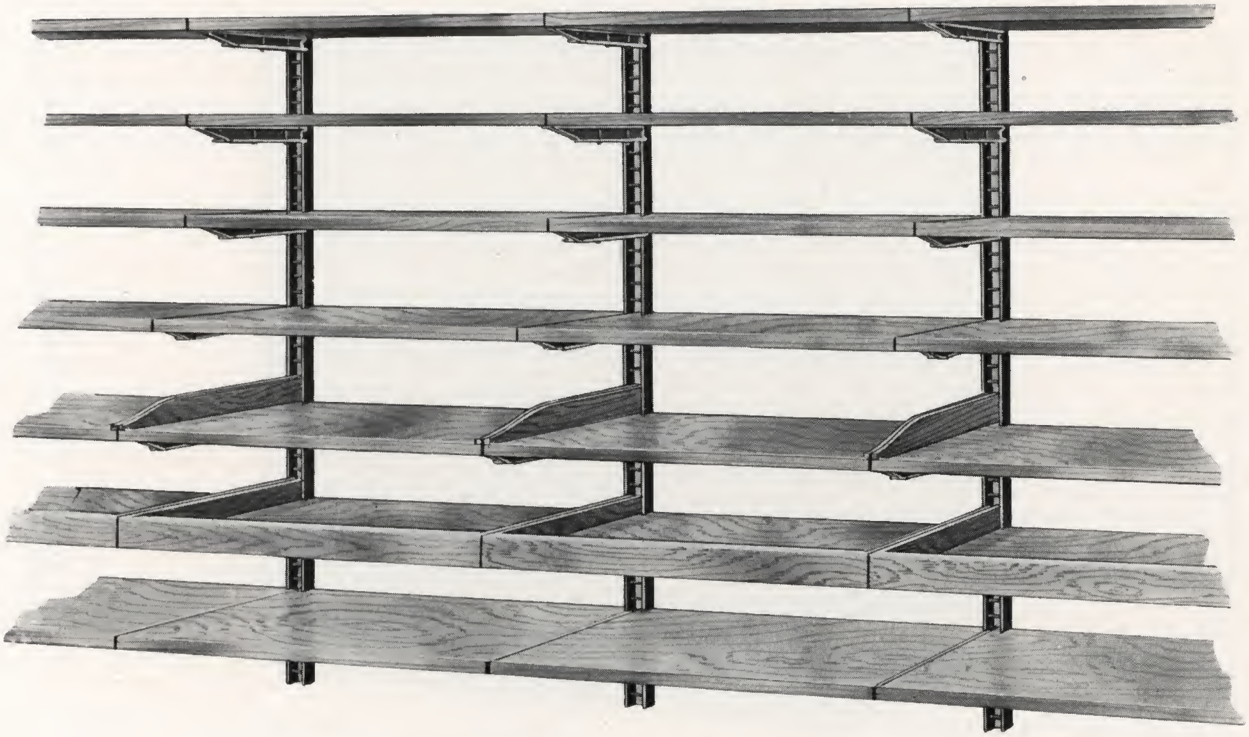
SPECIFICATIONS

	Width	Height	Depth
Overall	36 in.	36 in.	18 in.

Construction—Built of birch, finished black acid resisting; 3 fixed shelves 15 inches wide.

Weight crated—No. G-1309—110 lbs.

No. G-1309—Open Laboratory Shelving.



MOVABLE UNIT SHELVING

The movable unit stock and supply room shelving illustrated above is a very distinct forward step in supply and stock equipment.

There has long been a need for a flexible arrangement of stock and supply room shelving that will allow the shelving to be moved from one stock or supply room to another to meet the fluctuating needs of the various stock and supply rooms in various parts of the building.

The movable unit shelving shown above consists of a series of steel channels located on 35¾ in. centers, permanently fastened to the walls of the stock and supply rooms. These channels have a series of heavy metal pins, running from side to side of the channel, and welded to the sides of the channel, and these pins are located on 2½ in. centers along the entire height of the channel. The pins provide support for the adjustable shelving which is thus made adjustable to each 2½ in. of height. (See Fig. A on next page).

The shelves consist of various depths of shelving in the form of flat shelves, bins, and box shelves as illustrated above, and are provided in 6 in., 9 in. and 12 in. depths as desired. These shelves are mounted on steel channel angles which are designed to fit into the vertical channel support at wall, and the channel steel shelf brackets are permanently fastened to each 35¾ in. length of shelving.

With this shelving system installed throughout the stock and supply rooms, it is possible to take any number of shelves from one stock room and install them in another to meet any unusually crowded condition. It is also possible to use any desired combination of flat shelves, bin shelves or box shelves desired, and to change this combination at will, thus obtaining the maximum possible flexibility.

The channel steel vertical supports and shelf brackets are extremely heavy, and are designed to carry heavy loads. These metal parts are painted with a very durable acid resisting paint. The installation of this type of movable unit shelving is very simple, consisting merely of securing the vertical support channels to the wall on exact centers of

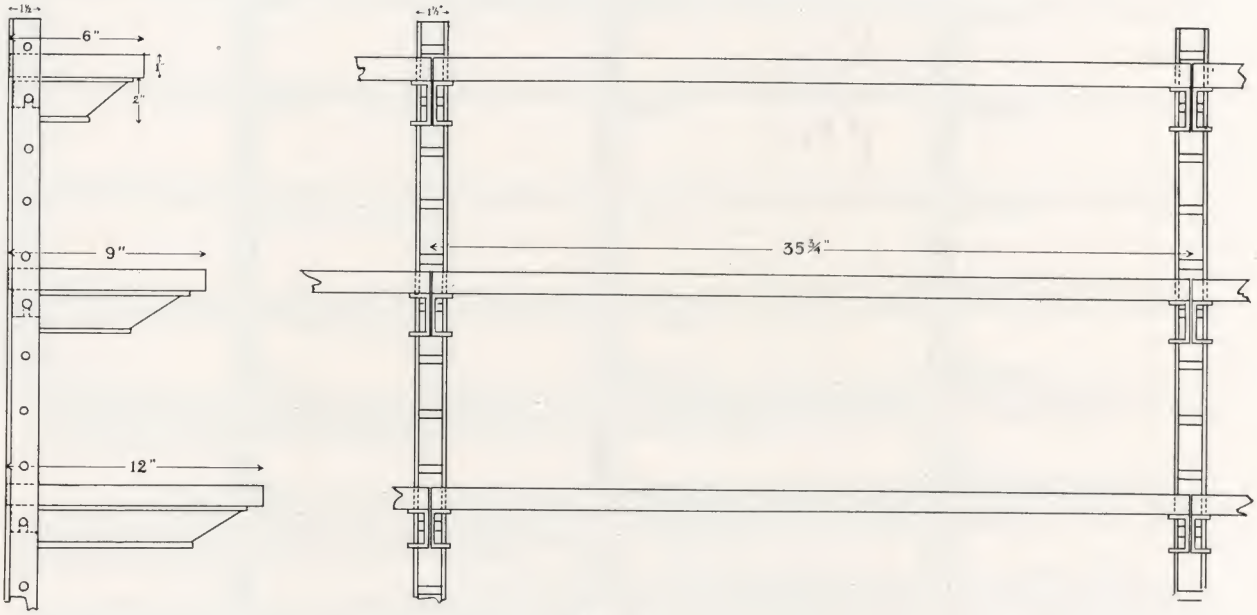


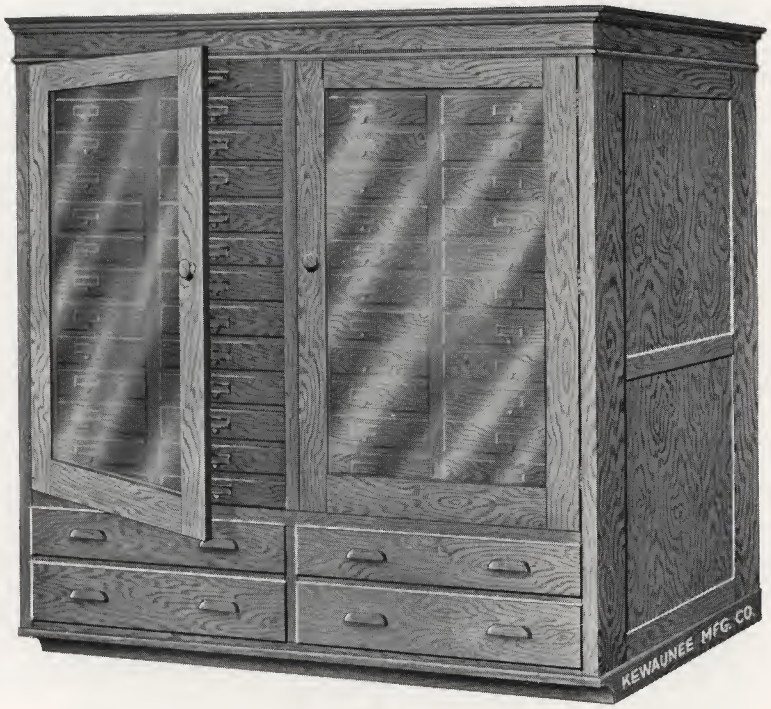
Fig. A

35¾ in. apart. The shelves are secured to the vertical channel supports by simply inserting the rear ends of the shelf brackets into the vertical channel supports and dropping shelf brackets down over pins. The complete shelving arrangement in the stock room can be changed in just a few moments with this type of equipment.

Additional units of shelves of any of the various styles shown can be purchased from time to time, as additional facilities are needed, and special designs of unit shelves can be had to meet any special storage requirement, the only restriction being that of length, which must be confined to 35¾ in. and width, which we do not recommend to exceed 12 in.

The growth in enrollment in schools and colleges, and the growing interest in and consequent larger enrollments of the science classes, makes it very difficult to gauge future equipment needs. Even new science buildings are badly crowded after a few years, and flexibility in equipment that allows increased capacity to be added as required, is becoming a necessity. The movable unit shelving is a very important contribution toward the solution of this problem.

No. G-1310 —Vertical channel supports 10 ft. high.
No. G-1310A—Vertical channel supports 8 ft. high.
No. G-1310B—Vertical channel supports 6 ft. high.
No. G-1310C—Vertical channel supports 4 ft. high.
No. G-1311 —Plain shelves with brackets, 6 in. deep.
No. G-1311A—Plain shelves with brackets, 9 in. deep.
No. G-1311B—Plain shelves with brackets, 12 in. deep.
No. G-1312 —Bin shelves with brackets, 6 in. deep.
No. G-1312A—Bin shelves with brackets, 9 in. deep.
No. G-1312B—Bin shelves with brackets, 12 in. deep.
No. G-1313 —Box shelves with brackets, 6 in. deep.
No. G-1313A—Box shelves with brackets, 9 in. deep.
No. G-1313B—Box shelves with brackets, 12 in. deep.



No. G-1316

No. G-1316 STOCK CABINET

In the laboratory, many small miscellaneous articles are lost or broken for lack of a suitable place to keep them, and this cabinet is designed to fill that need. The cabinet has 52 small drawers arranged in four tiers, 13 drawers to a tier. These drawers have label pulls and are enclosed by two glass doors. The four larger drawers and the doors are fitted with locks.

SPECIFICATIONS

	Width	Height	Depth
Overall	54⅝ in.	60 in.	24 in.
52 drawers	10¾ in.	2¼ in.	16 in.
2 drawers	23⅜ in.	3¼ in.	16 in.
2 drawers	23⅜ in.	5¼ in.	16 in.

Construction—Exterior, selected white oak; doors glazed with double strength glass.

Finish—No. 1 or No. 2 Oak.

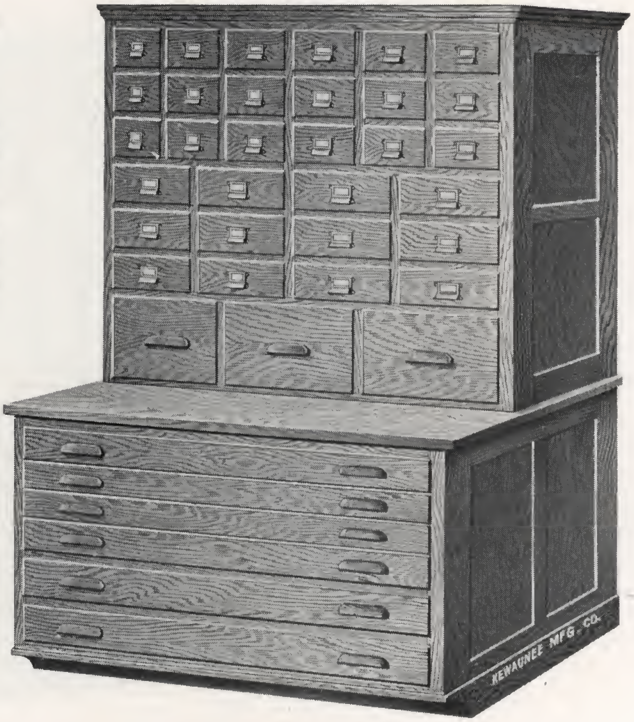
Locks—Locks on doors and four lower drawers.

Weight crated—No. G-1316—640 lbs., No. G-1317—360 lbs.
No. G-1319—310 lbs., No. G-1318—600 lbs.

No. G-1316—Stock Cabinet, four tiers, glass doors.
No. G-1317—Stock Cabinet, two tiers, glass doors.
No. G-1318—Stock Cabinet, four tiers, open front, locking device.
No. G-1319—Stock Cabinet, two tiers, open front, locking device.

No. G-1323 LABORATORY STORAGE AND FILING CABINET

This case is designed for stock room or preparation room service. The numerous drawers of divers sizes are so arranged as to provide for a systematic indexing of the case. A study of the accompanying illustration will show the wide range in size of the articles that may be accommodated. The eighteen small and twelve large drawers in the upper section are fitted with label holder pulls. The two bottom drawers in the lower section have cork bottoms and plate glass covers and are suitable for use as insect cases.



No. G-1323

SPECIFICATIONS

	Width	Height	Depth
Overall	47 in.	6 ft.	31 in.
Upper section	47 in.	42 in.	20 in.
Lower section	47 in.	30 in.	31 in.
18 drawers	5 in.	3¼ in.	14¾ in
12 drawers	8⅝ in.	3¼ in.	14¾ in.
3 drawers	12⅜ in.	9 in.	14¾ in.
4 drawers	41⅛ in.	2⅝ in.	24 in.
2 drawers	41⅛ in.	2½ in.	24 in

Construction—Exterior, selected white oak.

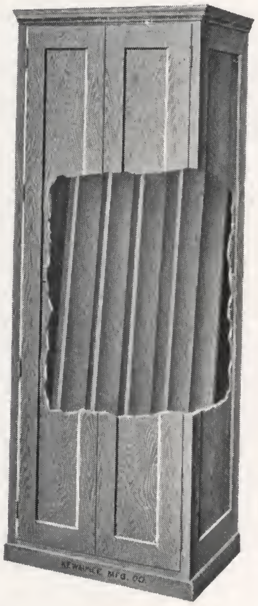
Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1323—730 lbs.

No. G-1323—Laboratory Storage and Filing Case.

No. G-1325 GLASS TUBING CABINET

The five compartments of this cabinet permit the storage of various sizes of glass tubing in large quantities. The inner back inclines 10 inches from the bottom to the top of case, and each compartment measures 5 x 7¾ in.



No. G-1325

SPECIFICATIONS

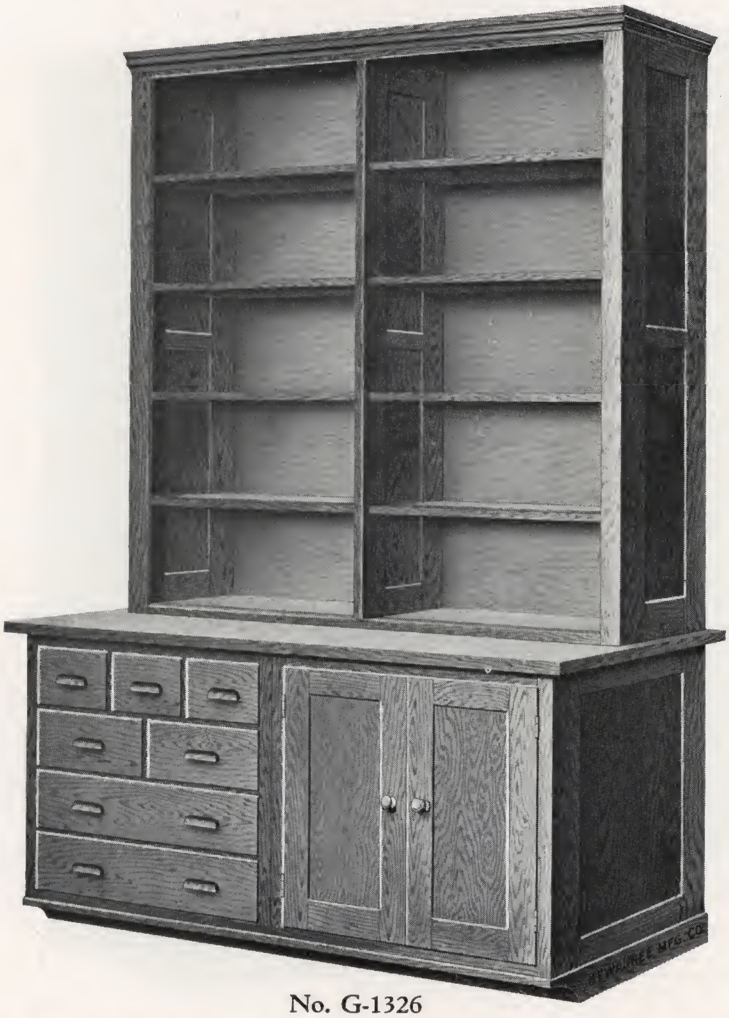
	Width	Height	Depth
Overall	18 in.	7½ ft.	22 in.

Construction—Exterior, selected white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1325—350 lbs.

No. G-1325—Glass tubing cabinet, with lock.



No. G-1326

No. G-1326 STOCK ROOM SHELVES AND CABINET

This cabinet with shelves is listed only as illustrated. The upper section has paneled center frame and ten fixed shelves. The lower section contains seven drawers, three different sizes, and a double cupboard.

SPECIFICATIONS

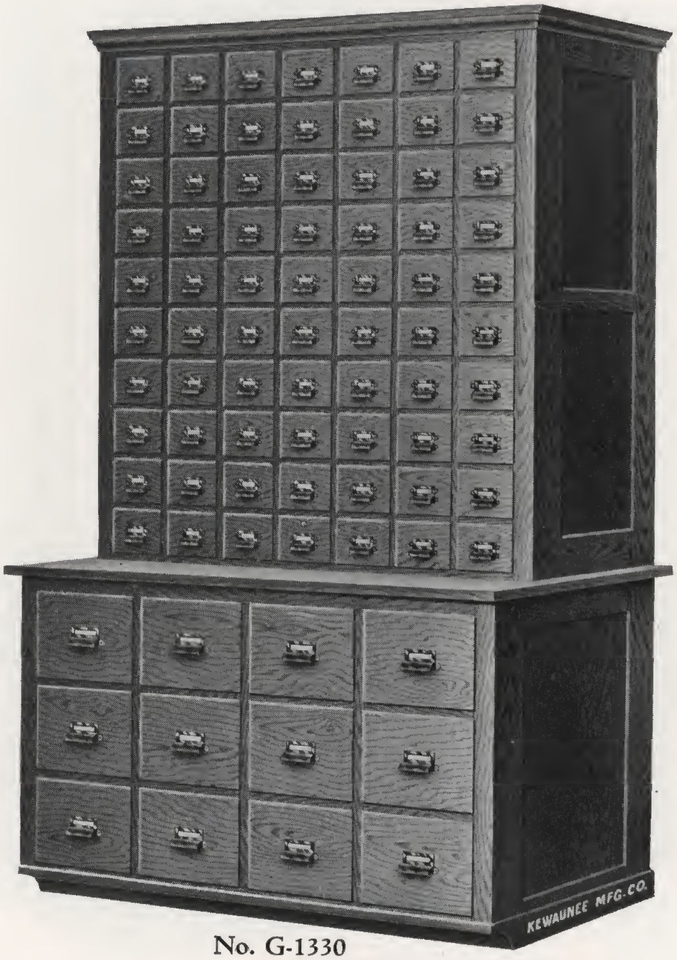
	Width	Height	Depth
Overall	5 ft. 3 in.	8½ ft.	26 in.
Upper section	5 ft. 3 in.	5½ ft.	15½ in.
Lower section	5 ft. 3 in.	36 in.	26 in.
3 drawers	7¾ in.	5¾ in.	19¼ in.
2 drawers	12¾ in.	5¾ in.	19¼ in.
2 drawers	27¾ in.	5¾ in.	19¼ in.
1 cupboard	29¼ in.	28½ in.	22 in.

Construction—Exterior, selected white oak; 8 fixed shelves 14 in. wide; birch counter finished black acid resisting.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1326—550 lbs.

No. G-1326—Stock room shelves and cabinet, without locks.
No. G-1327—Stock room shelves and cabinet, locks alike on drawers and cupboard.



No. G-1330

No. G-1330 STOCK AND PREPARATION ROOM CASE

This Stock and Preparation Room Case is a most convenient repository for the safe keeping of the great variety of grains and seeds connected with the study of Agriculture and Biology. The drawers in the lower section are each divided into equal parts by a removable center division full height of drawer, crosswise. The back and bottom of the case is covered with light weight galvanized iron for rodent proofing. Each drawer is fitted with a label holder pull.

SPECIFICATIONS

	Width	Height	Depth
Overall	50½ in.	91 in.	25½ in.
Upper section	50½ in.	55 in.	20 in.
Lower section	50½ in.	36 in.	25½ in.
70 drawers	4 in.	3¾ in.	11¾ in.
12 drawers	9 in.	7¾ in.	15¾ in.

Construction—Exterior, selected white oak; birch counter, finished black acid resisting.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1330—800 lbs.

No. G-1330—Stock and Preparation Room Case, without locking device.

No. G-1331—Stock and Preparation Room Case, with locking device.

No. G-1333 MICROSCOPE AND DISPLAY CASE

This case provides dust proof, safe and convenient storage for 12 microscopes, and is so arranged that two or more units may be joined providing any storage capacity desired.

The top section has glass ends and two sliding glass doors, and contains five sloping, adjustable shelves, with retaining rims on the front edge, for display purposes.

The lower section is divided into 12 compartments for the storage of microscopes, the compartments being enclosed by two swinging doors.

SPECIFICATIONS

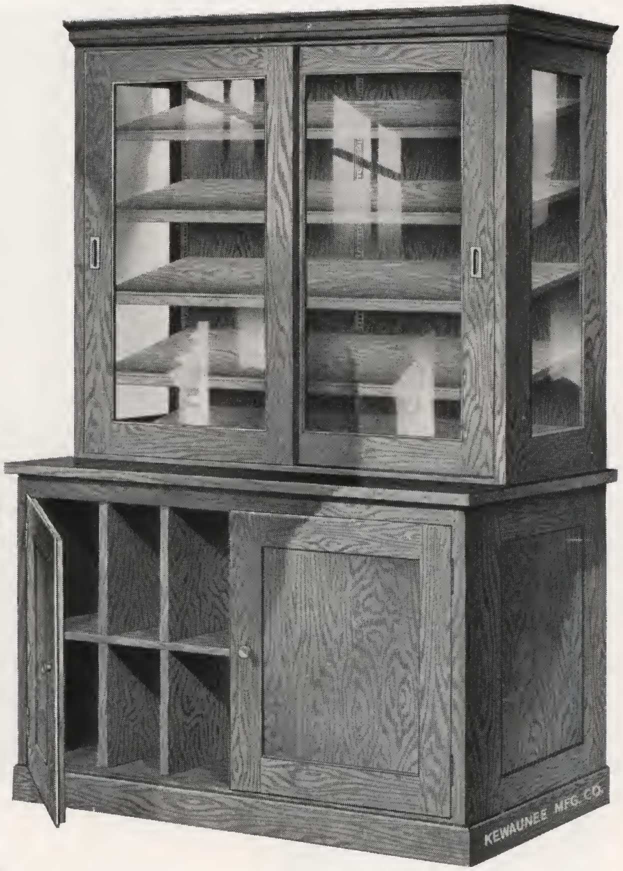
	Width	Height	Depth
Overall	50½ in.	7 ft.	19 in.
Upper section	50½ in.	48 in.	15 in.
Lower section	50½ in.	36 in.	19 in.
12 compartments	6¾ in.	14¼ in.	15⅛ in.

Construction—Exterior, selected white oak; birch counter, finished black acid resisting; ends and sliding doors glazed with double strength glass.

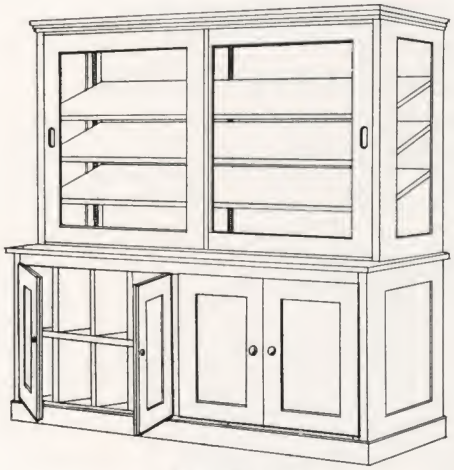
Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1333—460 lbs.

No. G-1333—Microscope and Display Case, without locks.



No. G-1333



No. G-1336

No. G-1336 MICROSCOPE AND DISPLAY CASE

This larger case is similar to No. G-1333 above, but will accommodate sixteen standard microscopes.

SPECIFICATIONS

	Width	Height	Depth
Overall	5 ft. 6 in.	7 ft.	19 in.
Upper section	5 ft. 6 in.	48 in.	15 in.
Lower section	5 ft. 6 in.	36 in.	19 in.
16 compartments	6¾ in.	14¼ in.	15⅛ in.

Construction—Exterior, selected white oak; birch counter, finished black acid resisting; ends and sliding doors glazed with double strength glass.

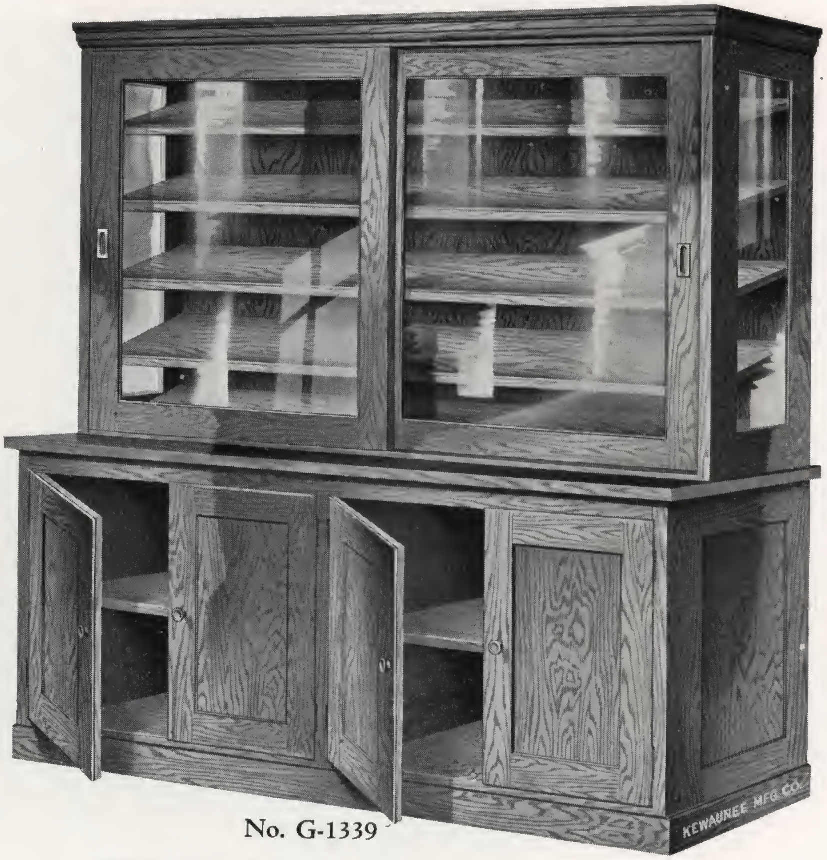
Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1336—510 lbs.

No. G-1336—Microscope and Display Case.

No. G-1339 BIOLOGY STORAGE AND DISPLAY CASE

The upper compartment of this Biology storage and display case has five adjustable sloping shelves, each complete with a retaining rim, and provides a very attractive and serviceable display case for mounted specimens, charts and similar matter pertaining to Biology. The large sliding doors are dust proof, and the glazed ends and doors provide maximum light and visibility. The roomy deep lower section provides two double cupboards that will store a large amount of apparatus and supplies.



No. G-1339

SPECIFICATIONS

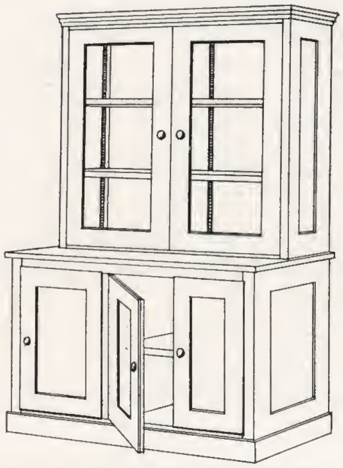
	Width	Height	Depth
Overall	73½ in.	7 ft.	19 in.
Upper section	73½ in.	48 in.	15 in.
Lower section	73½ in.	36 in.	19 in.
2 double cupboards	33⅛ in.	29⅝ in.	15 in.

Construction—Exterior, selected white oak; birch counter, finished black acid resisting; ends and sliding doors glazed with double strength glass.

Finish—No. 1 or No. 2 Oak.
Weight crated—No. G-1339—530 lbs.

No. G-1339—Biology Storage and Display Case, without locks.

No. G-1340—Biology Storage and Display Case, locks alike on all doors.



No. G-1342

No. G-1342 BIOLOGY SUPPLY CASE

This case is 50 in. long and is particularly adaptable for use in the small crowded student laboratory or private laboratory. Two adjustable shelves are provided in the upper section which is covered by two swinging fully overlapped glazed doors. One roomy double and one single cupboard are provided in the lower section.

SPECIFICATIONS

	Width	Height	Depth
Overall	50½ in.	7 ft.	19 in.
Upper section	50½ in.	48 in.	15 in.
Lower section	50½ in.	36 in.	19 in.
1 cupboard	18 in.	29⅜ in.	15 in.
1 double cupboard	26 in.	29⅜ in.	15 in.

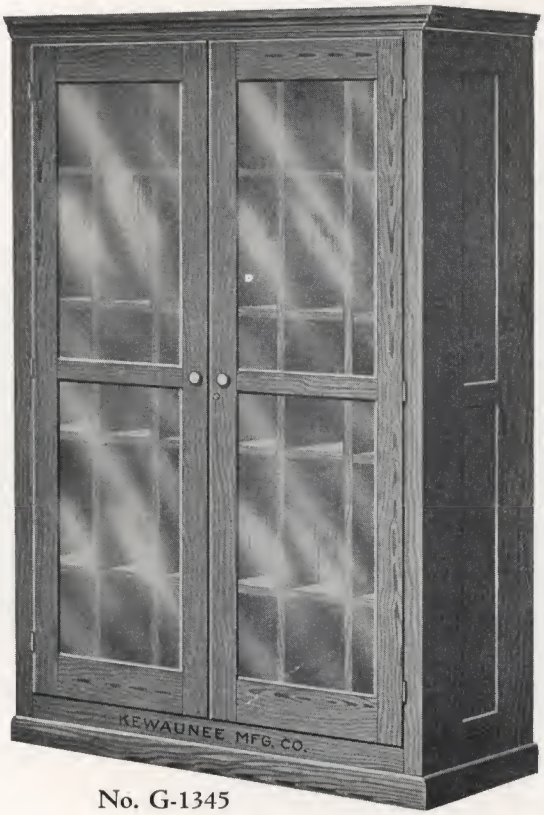
Construction—Exterior, selected white oak; birch counter, finished black acid resisting; ends and sliding doors glazed with double strength glass.

Finish—No. 1 or No. 2 Oak.
Weight crated—No. G-1342—420 lbs.

No. G-1342—Biology Supply Case, without locks.
No. G-1343—Biology Supply Case, locks alike on all doors.

No. G-1345 MICROSCOPE STORAGE CASE

The compartments in this case are large enough to house the standard makes of compound microscopes and the horseshoe base dissecting microscopes. Case contains thirty compartments, each of which is equipped with a wood block so fashioned as to prevent damage to the eye-piece of the instrument by jarring against the back. The glass door exhibits instruments and provides free access to all parts of the case.



No. G-1345

SPECIFICATIONS

	Width	Height	Depth
Overall	48 in.	6 ft. 8 in.	14 in.
30 compartments	6 in.	13 in.	8¼ in.

Construction—Exterior, selected white oak; swinging doors glazed with double strength glass.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1345—400 lbs., No. G-1346—210 lbs.

No. G-1345—Microscope Storage Case, 30 compartments, two doors, with lock.

No. G-1346—Microscope Storage Case, 15 compartments, one door, with lock.

No. G-1347 SKELETON CASE

The Skeleton Case has a glass door and glass ends and a paneled back. A hook is secured to the top for suspending skeleton.

SPECIFICATIONS

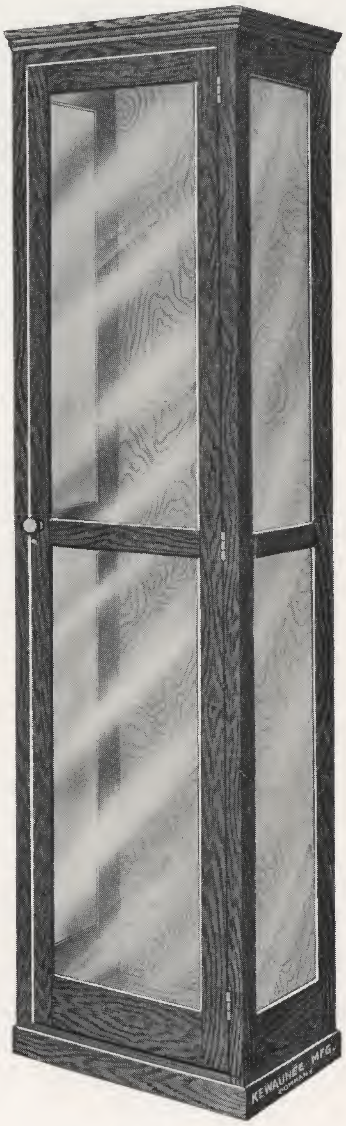
	Width	Height	Depth
Overall	22 in.	7 ft.	16¾ in.

Construction—Exterior, selected white oak; swinging door and ends glazed with double strength glass.

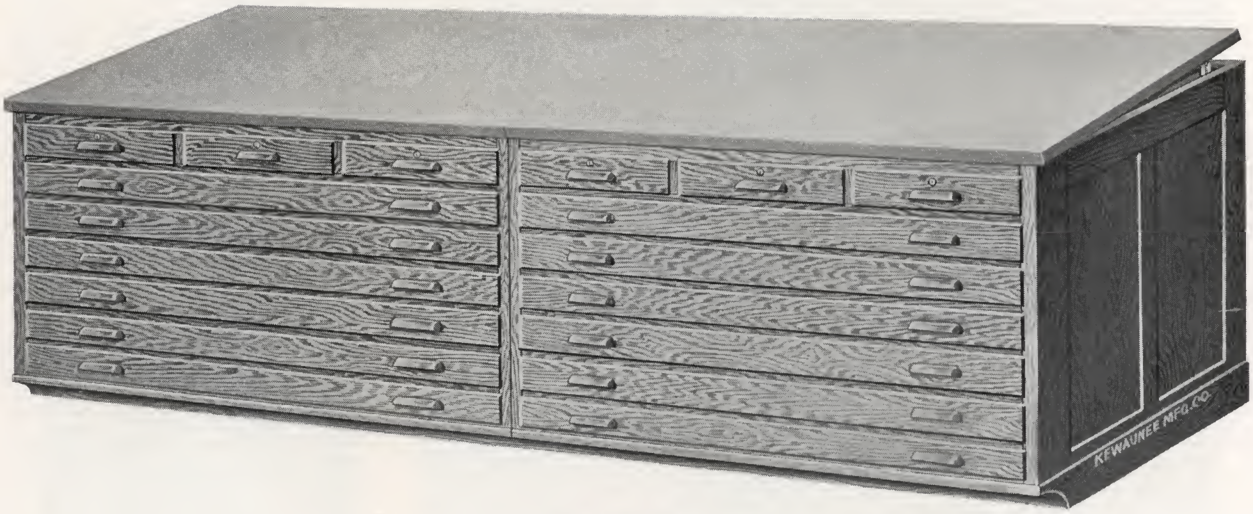
Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1347—210 lbs.

No. G-1347—Skeleton Case, with lock.



No. G-1347



No. G-1350

No. G-1350 MAP CASE AND DESK

In the illustration above we show a case that provides a safe, dust proof storage place for maps, charts, blue prints, drawings, in fact for all the important or valuable papers that must be filed flat. The drawers are three inches deep and will hold many maps or papers. The top is of soft wood, hinged to permit of adjustment for drawing or copying maps.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	9 ft.	36 in.	36 in.	
6 drawers		14¾ in.	3 in.	29½ in.
12 drawers		49 in.	3 in.	29½ in.

Construction—Selected white oak with basswood top.

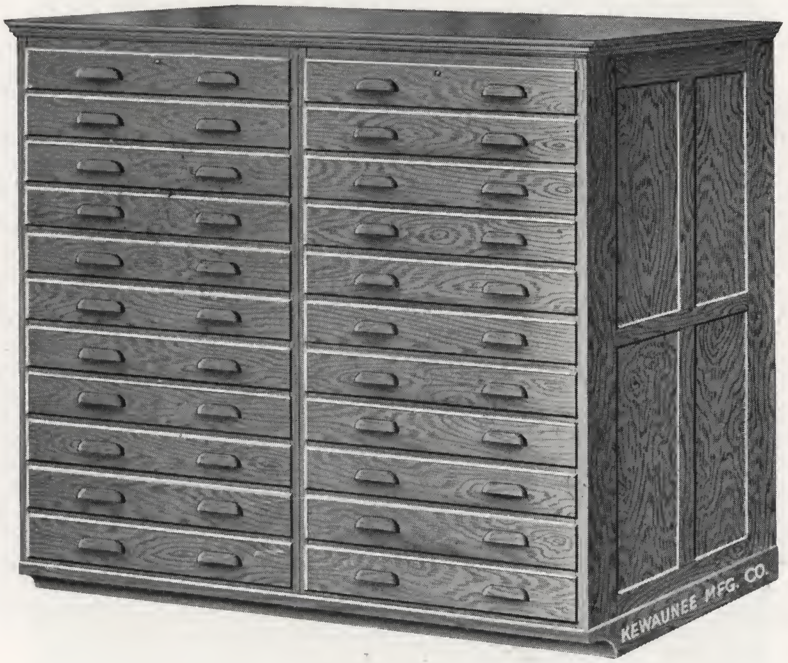
Finish—No. 1 or No. 2 Oak.

Locks—Six upper drawers fitted with locks.

Weight crated, 775 lbs.

No. G-1350—Map Case and Desk, six upper drawers with locks.

No. G-1351—Map Case and Desk, without locks.



No. G-1353

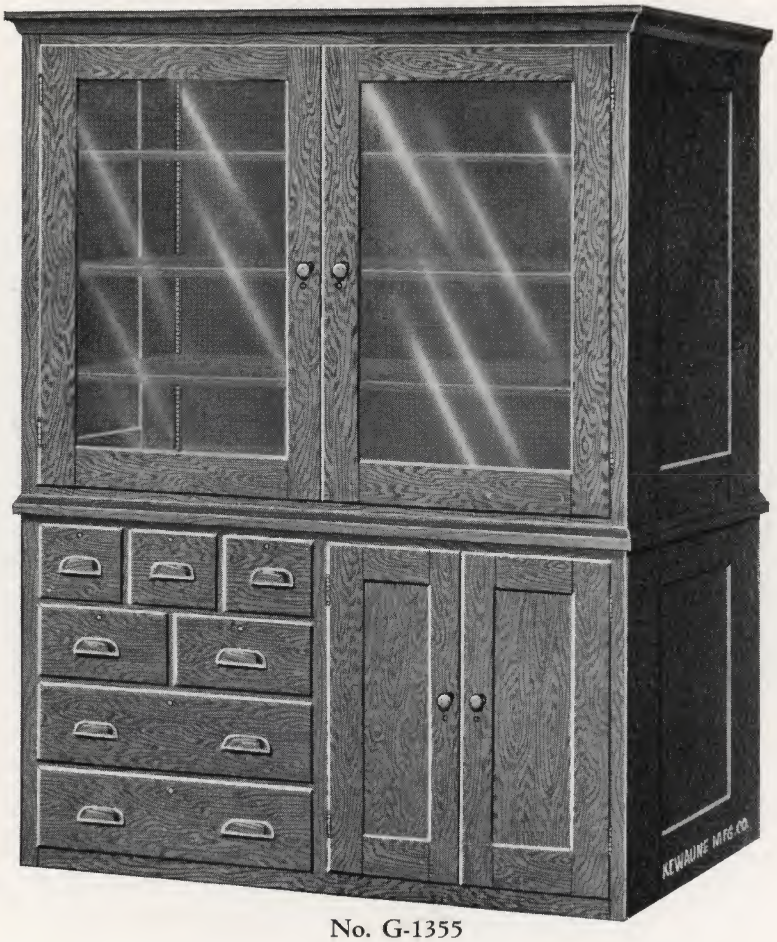
No. G-1353 INSECT CABINET

While this cabinet is primarily designed for the systematic care of collections of insects and aquatic specimens, it is equally suited for the keeping of mounted plant specimens. Cabinet consists of two tiers of eleven drawers each, and each tier is controlled by a locking device operated by the top drawer, which is locked.

SPECIFICATIONS

	Width	Height	Depth
Overall	45 in.	42½ in.	20 in.
22 drawers	18½ in.	2¾ in.	14¼ in.

Construction—Selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. G-1353—550 lbs.
No. G-1353—Insect Cabinet, with locking device.
No. G-1354—Insect Cabinet, without locking device.



No. G-1355

No. G-1355 BIOLOGY STORAGE CASE

The large deep upper section of this case has three adjustable shelves, and can be used to store or display very large bulky objects. The lower section has seven drawers of varying sizes designed to take a wide range of material, and is provided with a large deep double cupboard.

SPECIFICATIONS

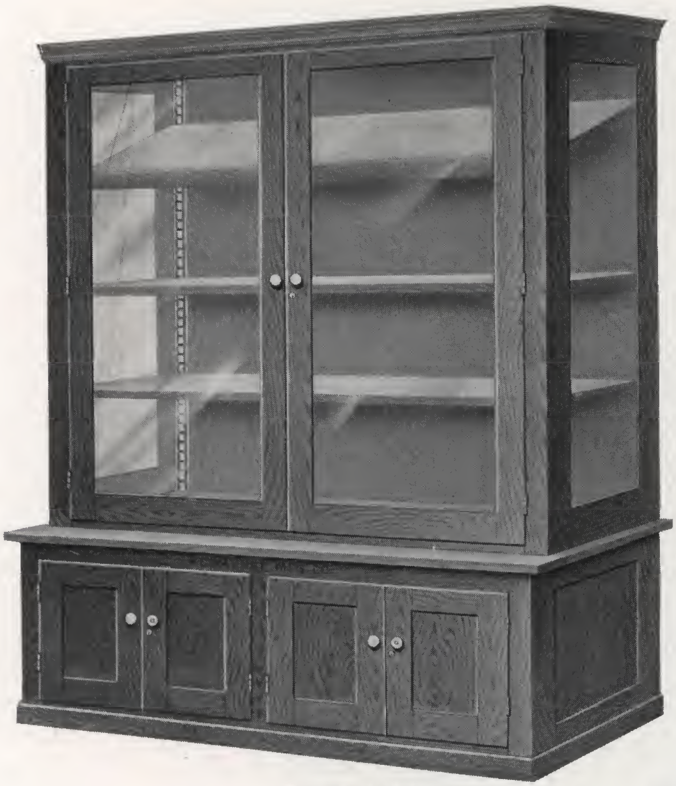
	Width	Height	Depth
Overall	59 in.	78 in.	25 in.
3 drawers	7½ in.	6 in.	18¼ in.
2 drawers	12⅜ in.	6 in.	18¼ in.
2 drawers	27 in.	6 in.	18¼ in.
1 cupboard	25⅞ in.	28¾ in.	21 in.

Construction—Exterior, selected white oak; swinging doors glazed with double strength glass.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1355—410 lbs.

No. G-1355—Biology Storage Case, locks alike on drawers and doors.
No. G-1356—Biology Storage Case, without locks.



No. G-1358

No. G-1357 STORAGE AND DISPLAY CASE

This case provides an excellent means for displaying material in both the Biology and General Science laboratories and lecture rooms, and the tilted top shelf makes material displayed on this shelf completely visible. The two double cupboards are used for general storage.

SPECIFICATIONS

	Width	Height	Depth
Overall	58 in.	6 ft. 2 in.	18 in.
Upper section	58 in.	52 in.	15 in.
Lower section	58 in.	21¾ in.	18 in.
2 double cupboards	24⅞ in.	15⅛ in.	14¼ in.

Construction—Exterior, selected white oak; swinging doors and ends glazed with double strength glass; 3 adjustable shelves 12¼ in. wide.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1357—400 lbs.

No. G-1357—Storage and Display Case, without locks.

No. G-1358—Storage and Display Case, locks alike on all doors.

No. G-1359 STORAGE AND DISPLAY CASE

The upper section of this case is identical with No. G-1358 shown above, but six drawers replace the lower section. These drawers provide an excellent storage space for mounted specimens and charts that are displayed in the upper section at different periods during the year.

SPECIFICATIONS

	Width	Height	Depth
Overall	58 in.	6 ft. 2 in.	18 in.
Upper section	58 in.	52 in.	15 in.
Lower section	58 in.	21¾ in.	18 in.
6 drawers	23⅜ in.	3¾ in.	11¼ in.

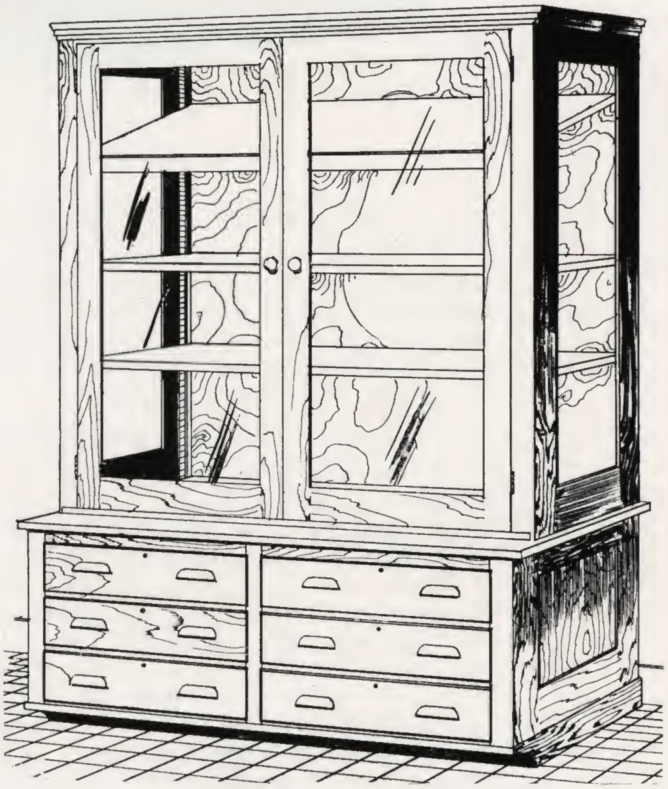
Construction—Exterior, selected white oak; swinging doors and ends glazed with double strength glass; 3 adjustable shelves 12¼ in. wide.

Finish—No. 1 or No. 2 Oak.

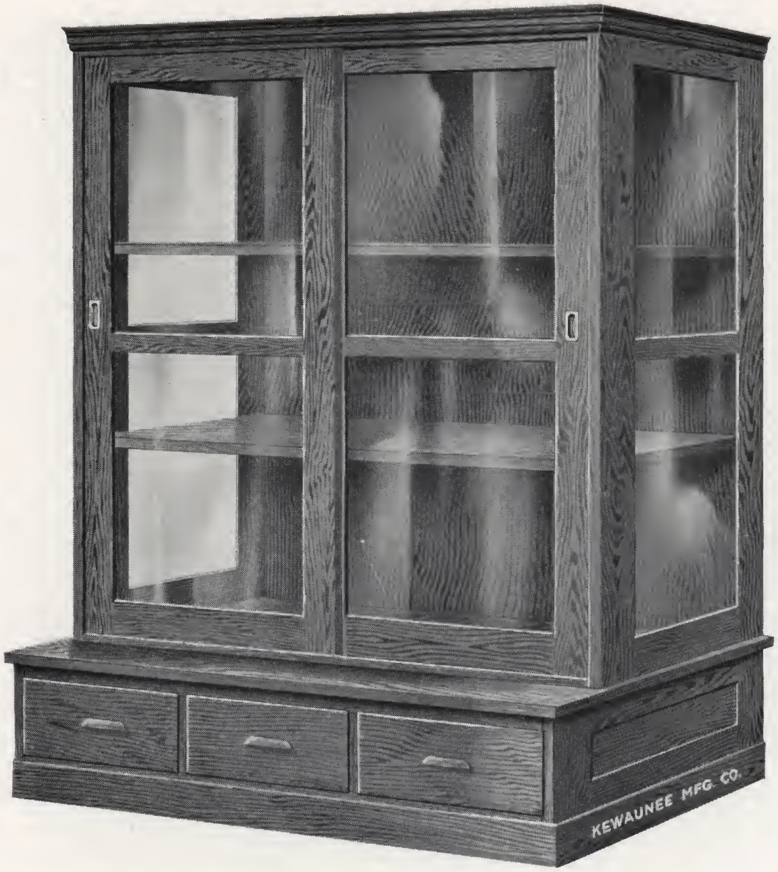
Weight crated—No. G-1359—525 lbs.

No. G-1359—Storage and Display Case, without locks.

No. G-1360—Storage and Display Case, locks on swinging doors and drawers.



No. G-1360



No. G-1363

No. G-1363 PHYSICS APPARATUS CASE

This case is a convenient size for use in the crowded Physics laboratory, and the two heavy adjustable shelves provide roomy accommodations for Physics apparatus. The large sliding doors are provided with dust strips and allow apparatus to be kept clean and free from dust. Three long drawers in the lower section provide storage space for those objects which must be protected and stored, but which it is not desired to display.

SPECIFICATIONS

	Width	Height	Depth
Overall	73½ in.	7 ft.	31 in.
Upper section	73½ in.	67 in.	24 in.
Lower section	73½ in.	17 in.	31 in.
3 drawers	20⅝ in.	9¼ in.	24¼ in.

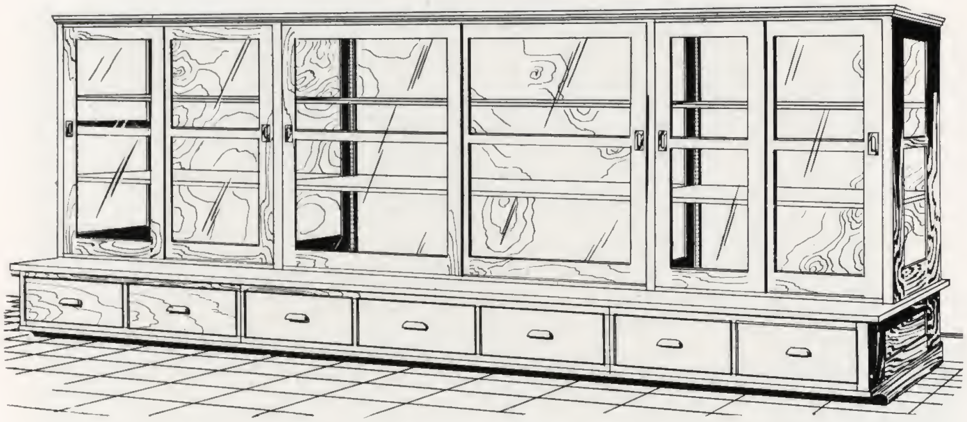
Construction—Exterior, selected white oak; birch counter finished black acid resisting; sliding doors and ends glazed with double strength glass; 2 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1363—675 lbs.

No. G-1363—Physics Apparatus Case, without locks.

No. G-1364—Physics Apparatus Case, locks alike on sliding doors and drawers.



No. G-1366

No. G-1366 PHYSICS APPARATUS CASE

This three compartment Physics Apparatus Case will store all of the Physics apparatus used in the larger secondary school Physics laboratories, and provides a very attractive as well as serviceable storage case. The apparatus is displayed nicely through the glazed sliding doors and case ends, and doors have dust strips.

SPECIFICATIONS

	Width	Height	Depth
Overall	14 ft. 3 in.	7 ft.	31 in.
Upper section	14 ft. 3 in.	67 in.	24 in.
Lower section	14 ft. 3 in.	17 in.	31 in.
7 drawers	20⅝ in.	9¼ in.	24¼ in.

Construction—Exterior, selected white oak, birch counter finished black acid resisting; ends and sliding doors glazed with double strength glass; 6 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1366, 1400 lbs.

No. G-1366—Physics Apparatus Case, without locks.

No. G-1367—Physics Apparatus Case, locks alike on sliding doors and drawers.

No. G-1369 PHYSICS APPARATUS CASE

The size of this apparatus case allows it to be used in crowded laboratories, preparation rooms and private laboratories.

SPECIFICATIONS

	Width	Height	Depth
Overall	50½ in.	7 ft.	31 in.
Upper section	50½ in.	67 in.	24 in.
Lower section	50½ in.	17 in.	31 in.
2 drawers	20⅝ in.	9¼ in.	24¼ in.

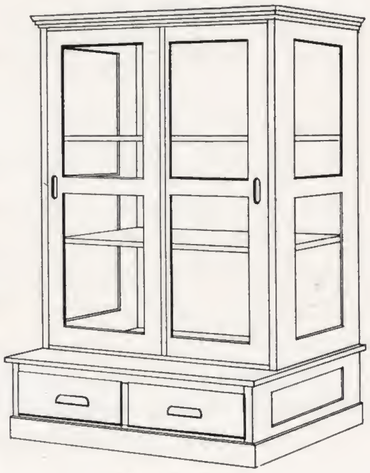
Construction—Exterior, selected white oak; birch counter finished black acid resisting; sliding doors and ends glazed with double strength glass; 2 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

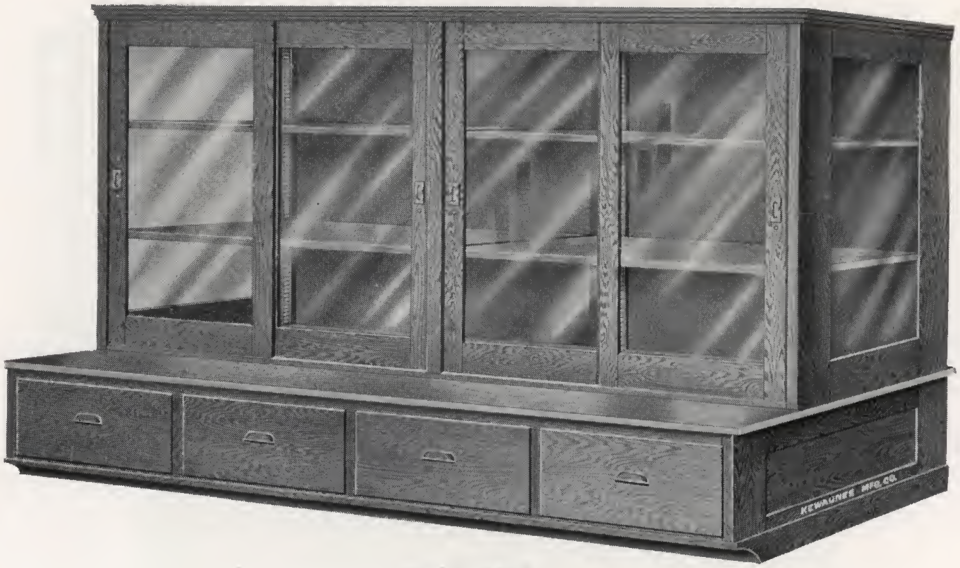
Weight crated—No. G-1369, 400 lbs.

No. G-1369—Physics Apparatus Case, without locks.

No. G-1370—Physics Apparatus Case, locks alike on sliding doors and drawers.



No. G-1369



No. G-1374

No. G-1374 PHYSICS APPARATUS CASE

This wall case is an excellent design for storing and displaying physics apparatus. The doors slide freely on ball bearing rollers and steel tracks and are dust proof. The two shelves are adjustable and wide. The case is sealed below the drawers.

SPECIFICATIONS

	Width	Height	Depth
Overall	8 ft.	7 ft.	31 in.
Upper section	8 ft.	67 in.	24 in.
Lower section	8 ft.	17 in.	31 in.
4 drawers	20⅝ in.	9¼ in.	24¼ in.

Construction—Exterior, selected white oak; birch counter finished black acid resisting; sliding doors and ends glazed with double strength glass; 4 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1373, 860 lbs.

No. G-1373—Physics Apparatus Case, without locks.

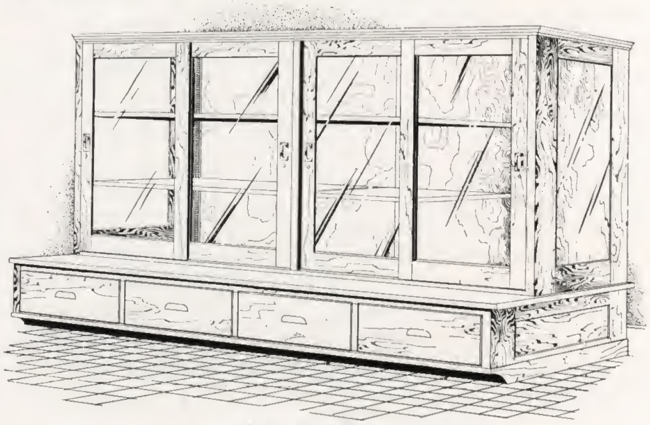
No. G-1374—Physics Apparatus Case, locks alike on sliding doors and drawers.

No. G-1375 APPARATUS CASE

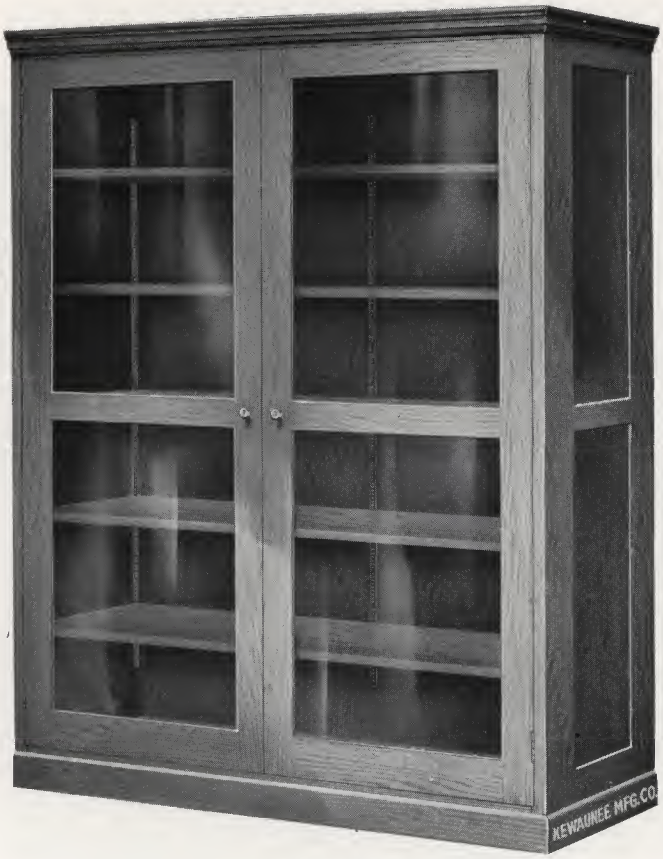
This case is the same as the No. G-1373, except that the shelves are shorter, providing a space in the right end of the case for the storage of the long apparatus that cannot readily be stored other than in a vertical position.

Weight crated—No. G-1375—840 lbs.

No. G-1375—Physics Apparatus Case, with locks alike on sliding doors and drawers.



No. G-1375



No. G-1376

No. G-1376 INSTRUMENT AND DISPLAY CASE

This very attractive storage and display case is used widely in private offices and laboratories, because of its very attractive appearance. The five adjustable shelves will carry a wide variety of instruments and apparatus, as well as the late issues of technical bulletins and magazines frequently referred to. Shelves are solid white oak, and the case is furnished in plain or quarter sawed white oak exterior as desired.

SPECIFICATIONS

	Width	Height	Depth
Overall	5 ft.	7 ft.	15 in.

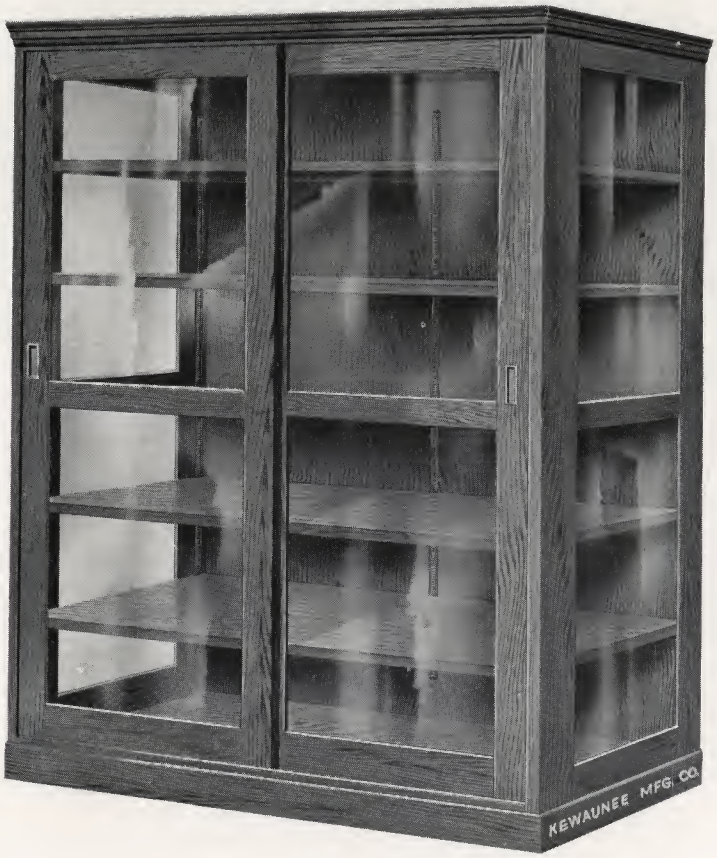
Construction—Exterior, selected white oak; swinging doors glazed with double strength glass; 5 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1376, 500 lbs.

No. G-1376—Instrument and Display Case, plain sawed white oak, with lock.

No. G-1377—Instrument and Display Case, quarter sawed white oak, with lock.



No. G-1379

No. G-1379 APPARATUS AND DISPLAY CASE

This case has glazed ends and glazed sliding doors providing a maximum of light to the interior, and is equipped with five adjustable shelves. Excellent storage facilities are provided for apparatus of large size.

SPECIFICATIONS

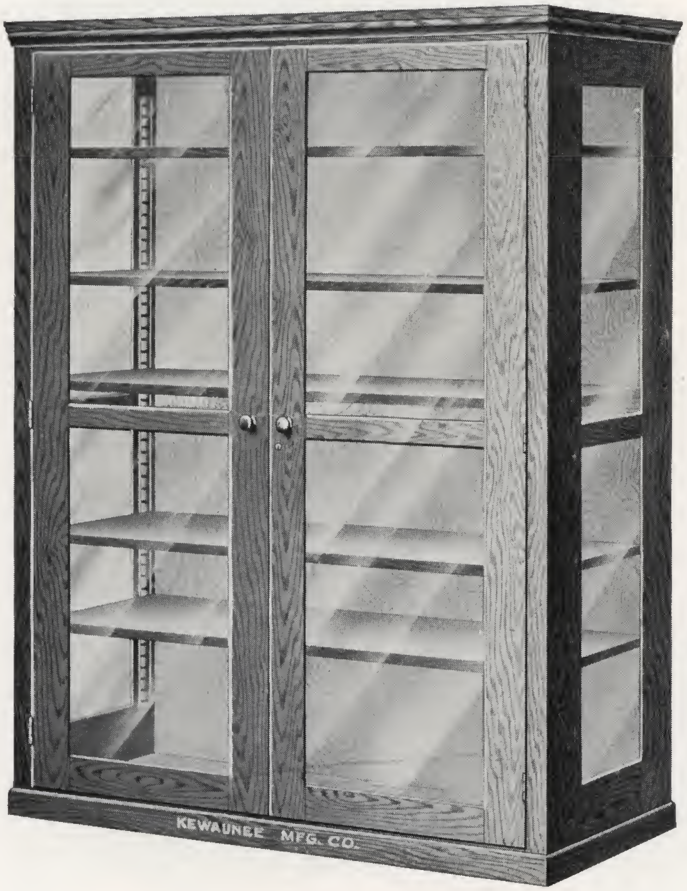
	Width	Height	Depth
Overall	5 ft.	7 ft.	24 in.

Construction—Exterior, selected white oak; sliding doors and ends glazed with double strength glass; 5 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1379, 525 lbs.

No. G-1379—Apparatus and Display Case, without locks.
No. G-1380—Apparatus and Display Case, with locks.



No. G-1382

No. G-1382 SECTIONAL LABORATORY AND EXHIBITION CASE

This case is made in three sizes, four, eight and twelve foot. It is adaptable to any department, serving as a display, equipment, and supply case, with equal efficiency. The five shelves are adjustable and faced with oak.

SPECIFICATIONS

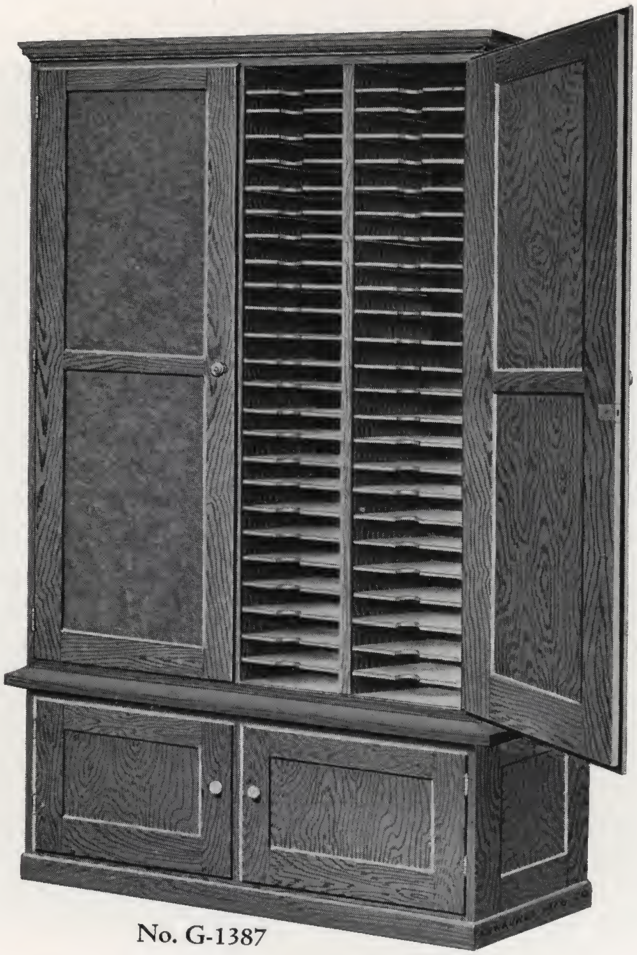
	Width	Height	Depth
Overall	48 in.	6 ft. 1¼ in.	17 in.

Construction—Exterior, selected white oak; swinging doors and ends glazed with double strength glass; 5 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1382, 400 lbs.; No. G-1383, 700 lbs.; No. G-1384, 1,000 lbs.

No. G-1382—Sectional Laboratory and Exhibition case, 4 ft., with lock.
No. G-1383—Sectional Laboratory and Exhibition case, 8 ft., with locks.
No. G-1384—Sectional Laboratory and Exhibition case, 12 ft., with locks.



No. G-1387

No. G-1387 STUDENT'S NOTEBOOK CASE

Kewaunee notebook cases are uniformly furnished with cork paneled swinging doors unless otherwise called for. The cork door provides an excellent bulletin board for tacking up notices, charts, technical data and other material, while the glazed door serves no purpose in a notebook case. All numbers are, however, listed with glazed doors as well, where these are desired. Two types of bases, either the cupboard type illustrated here, or the open table type illustrated on the opposite page, can be had with all designs of Kewaunee notebook cases. The double cupboard shown above provides general storage space that frequently is very useful.

SPECIFICATIONS

	Width	Height	Depth
Overall	46⅜ in.	74½ in.	16 in.
Cupboard	42⅝ in.	12⅞ in.	12¼ in.
100 compartments	10 in.	1⅞ in.	12 in.

Construction—Exterior, selected white oak; cork paneled doors.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1387, 440 lbs.; No. G-1388, 360 lbs.

No. G-1387 —Student's Notebook Case, 100 compartments, with lock.

No. G-1387A—Student's Notebook Case, 100 compartments, glass doors, with lock.

No. G-1388 —Student's Notebook Case, 75 compartments, with lock.

No. G-1388A—Student's Notebook Case, 75 compartments, glass doors, with lock.

No. G-1390 STUDENT'S NOTEBOOK CASE

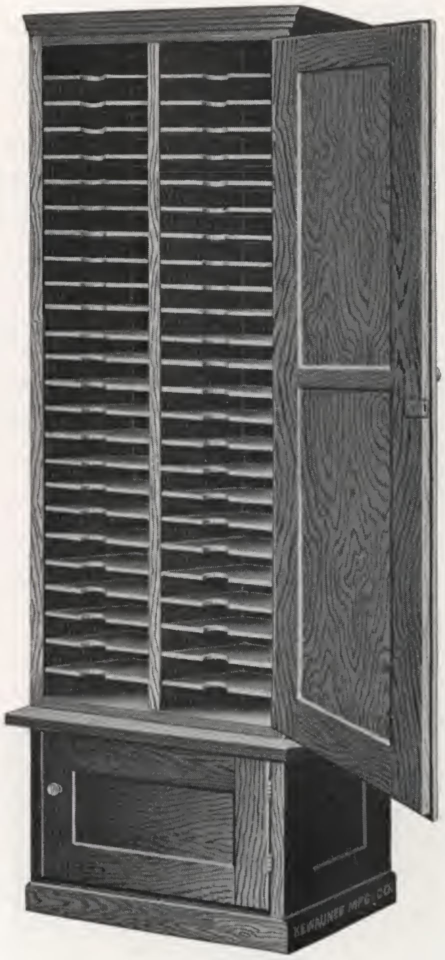
This 50 compartment notebook case is identical with No. G-1387 illustrated on opposite page, except that it accommodates 50 notebooks in two tiers.

SPECIFICATIONS

	Width	Height	Depth
Overall	24⅝ in.	74½ in.	16 in.
Cupboard	20⅞ in.	12⅞ in.	12¼ in.
50 compartments	10 in.	1⅞ in.	12 in.

Construction—Exterior, selected white oak; cork paneled door.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. G-1390, 250 lbs.

No. G-1390 —Student's Notebook Case, with lock.
No. G-1390A—Student's Notebook Case, glass door, with lock.



No. G-1390

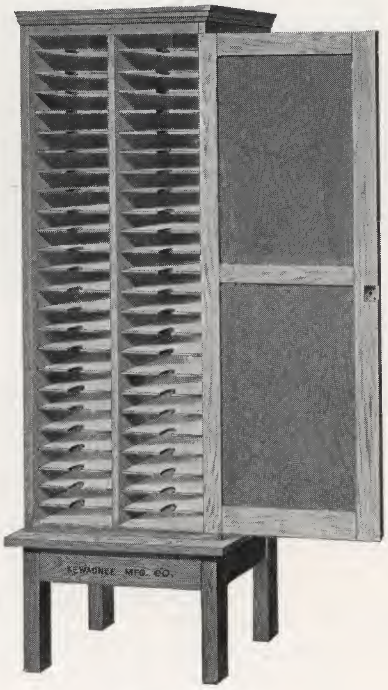
No. G-1393 STUDENT'S NOTEBOOK CASE

This type of Notebook Case is provided with open table base in lieu of the cupboard base shown on the preceding notebook cases. It is furnished in three sizes, all of which can be had with cork paneled or glazed doors as desired.

SPECIFICATIONS

	Width	Height	Depth
Overall	24⅝ in.	74½ in.	16 in.
Table Section	24⅝ in.	18 in.	16 in.
50 compartments	10 in.	1⅞ in.	12 in.

Construction—Exterior, selected white oak; cork paneled door.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. G-1393, 240 lbs.; No. G-1394, 340 lbs.; No. G-1395, 440 lbs.



No. G-1393

No. G-1393 —Student's Notebook Case, 50 compartments, with lock.
No. G-1393A—Student's Notebook Case, 50 compartments, glass door, with lock.
No. G-1394 —Student's Notebook Case, 75 compartments, with lock.
No. G-1394A—Student's Notebook Case, 75 compartments, glass doors, with lock.
No. G-1395 —Student's Notebook Case, 100 compartments, with lock.
No. G-1395A—Student's Notebook Case, 100 compartments, glass doors, with lock.

No. G-1397 MILLINERY EXHIBITION CASE

The five shelves and bottom of this case afford a large amount of display space behind unobstructed, tall glass panels. Shelves are 32 in. long by 20 in. deep and are adjustable.

SPECIFICATIONS

	Width	Height	Depth
Overall	36 in.	6½ ft.	24 in.

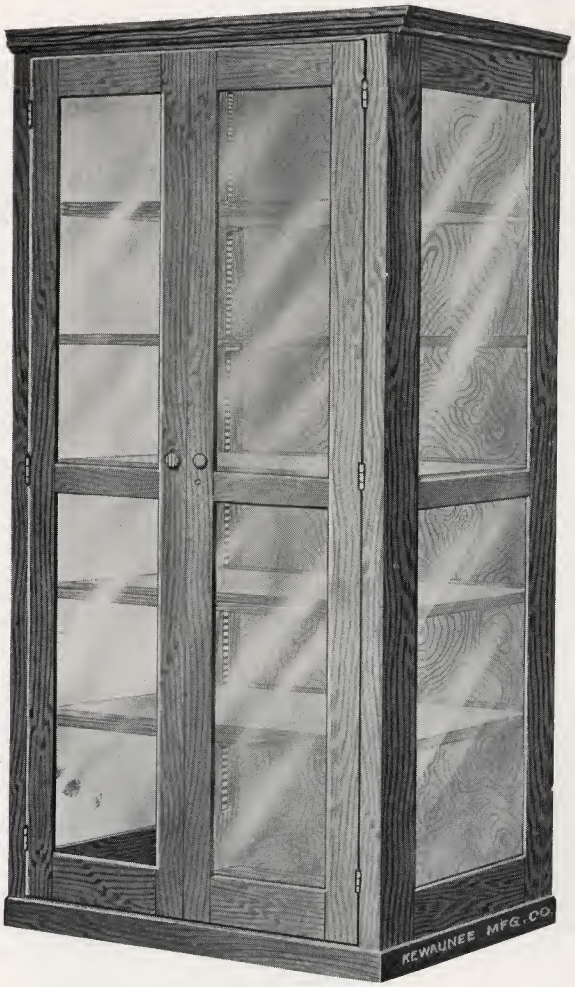
Construction—Exterior, selected white oak; swinging doors and ends glazed with double strength glass; 5 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1397, 325 lbs.

No. G-1397—Millinery Exhibition Case, with lock.

No. G-1398—Millinery Exhibition Case, without lock.



No. G-1397

No. G-1399 DOMESTIC ART DISPLAY CASE

This case provides for the display of full length gowns. The shelf to which the nickel plated hanger rod is attached, is for the display of millinery.

SPECIFICATIONS

	Width	Height	Depth
Overall	48 in.	6½ ft.	23 in.

Construction—Exterior, selected white oak; sliding doors and ends glazed with double strength glass; 1 fixed shelf.

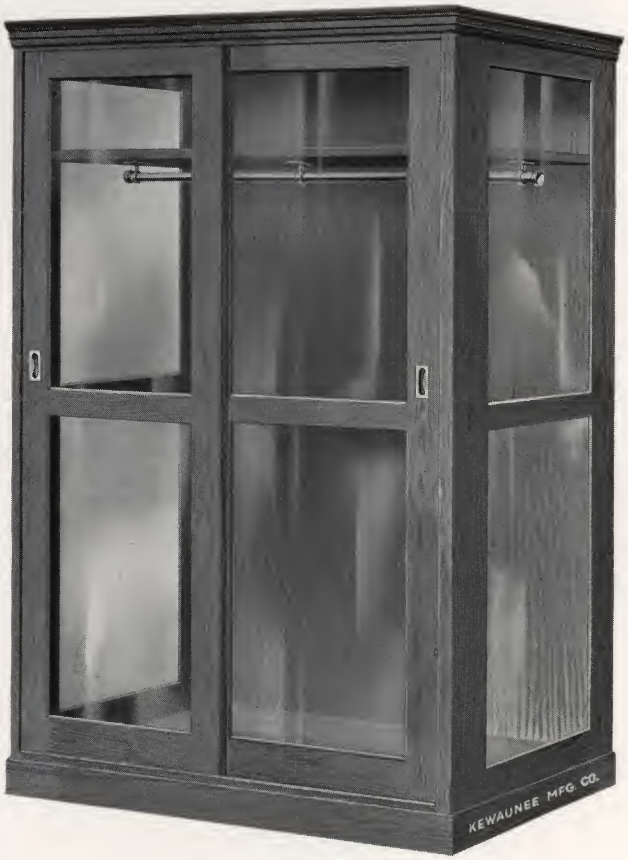
Finish—No. 1 or No. 2 Oak.

Fixtures—1 nickel plated hanger rod.

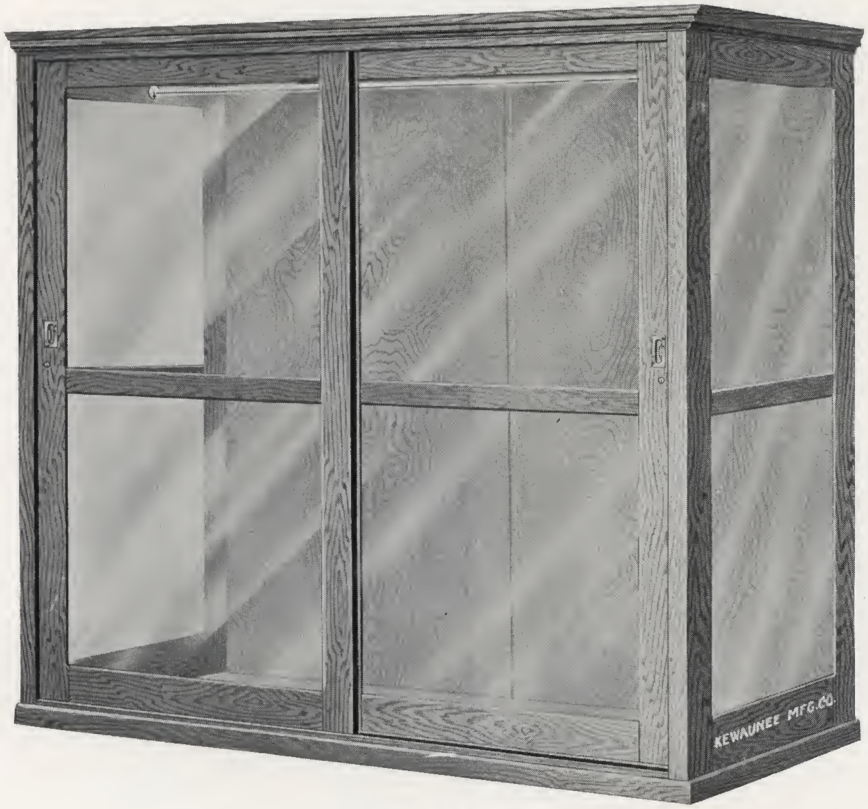
Weight crated—No. G-1399, 340 lbs.

No. G-1399—Domestic Art Display Case, without locks.

No. G-1400—Domestic Art Display Case, with locks.



No. G-1399



No. G-1401

No. G-1401 DOMESTIC ART DISPLAY CASE

A large, deep case with a nickel plated hanger rod across top, and eight swivel hooks attached to ceiling, make this a particularly desirable show case for the work of the domestic art student. The full glass ends and the large glass doors afford an unobstructed view into the case from anywhere in the room. Doors slide freely on ball bearing rollers and steel tracks.

SPECIFICATIONS

	Width	Height	Depth
Overall	6 ft.	6½ ft.	25½ in.

Construction—Exterior, selected white oak; sliding doors and ends glazed with double strength glass.

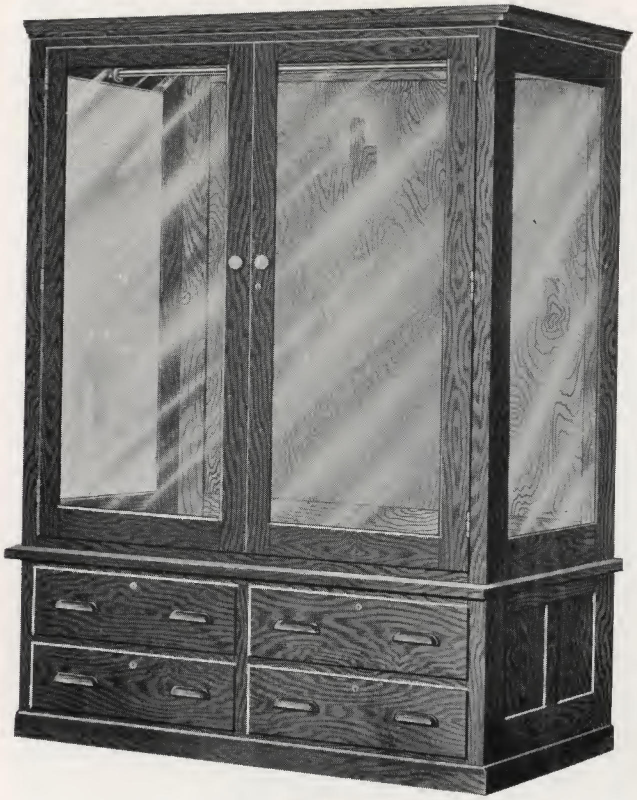
Finish—No. 1 or No. 2 Oak.

Fixtures—1 nickel plated hanger rod.

Weight crated—No. G-1401, 625 lbs.

No. G-1401—Domestic Art Display Case, with locks.

No. G-1402—Domestic Art Display Case, without locks.



No. G-1403

No. G-1403 DOMESTIC ART STORAGE CASE

Having glass doors and glass ends, and the upper section entirely clear inside, with a nickel plated hanger rod full length of the case near the top, this case is especially desirable for the storing of dresses or for displaying them on forms. Two rows of ceiling hooks are also attached to top and facilitate the use of the space in the upper section. The lower section contains four large drawers.

SPECIFICATIONS

	Width	Height	Depth
Overall	50 in.	$6\frac{1}{2}$ ft.	24 in.
4 drawers	20 in.	$6\frac{3}{4}$ in.	17 in.

Construction—Exterior, selected white oak; swinging doors and ends glazed with double strength glass.

Finish—No. 1 or No. 2 Oak.

Fixtures—1 nickel plated hanger rod.

Weight crated—No. G-1403, 470 lbs.

No. G-1403—Domestic Art Storage Case, with locks on swinging doors and drawers.

No. G-1404—Domestic Art Storage Case, without locks.

No. G-1405 WARDROBE AND STORAGE CASE

The upper part of this case is fitted with a shelf, for the storage of hats. A nickel plated hanger rod is fastened to the shelf and extends across the case and is for the accommodation of coat or dress hangers.

The four drawers will be found most convenient for the storing of dress and other materials.

SPECIFICATIONS

	Width	Height	Depth
Overall	50 in.	$6\frac{1}{2}$ ft.	24 in.
4 drawers	20 in.	$6\frac{3}{4}$ in.	17 in.

Construction—Exterior, selected white oak; sliding doors and ends glazed with double strength glass; 1 fixed shelf.

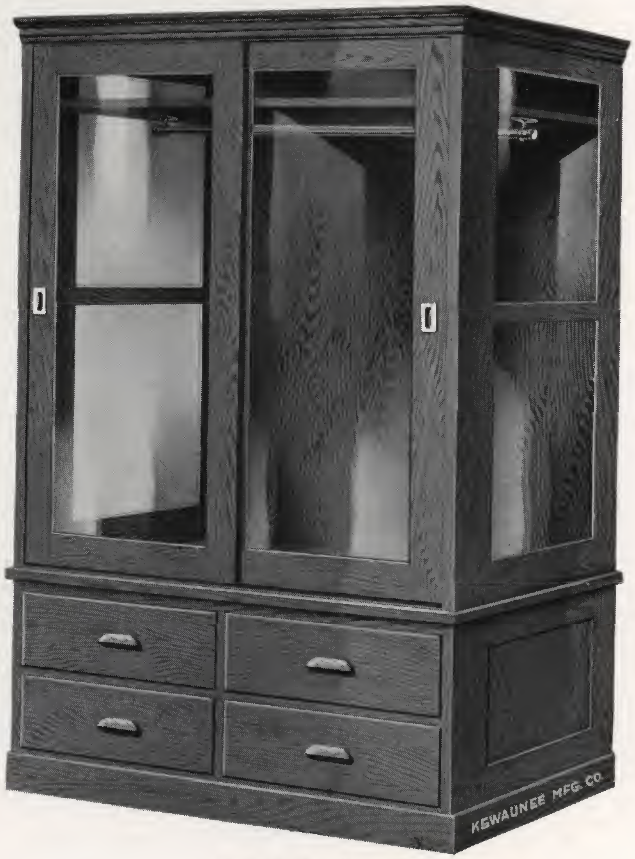
Finish—No. 1 or No. 2 Oak.

Fixtures—1 nickel plated hanger rod.

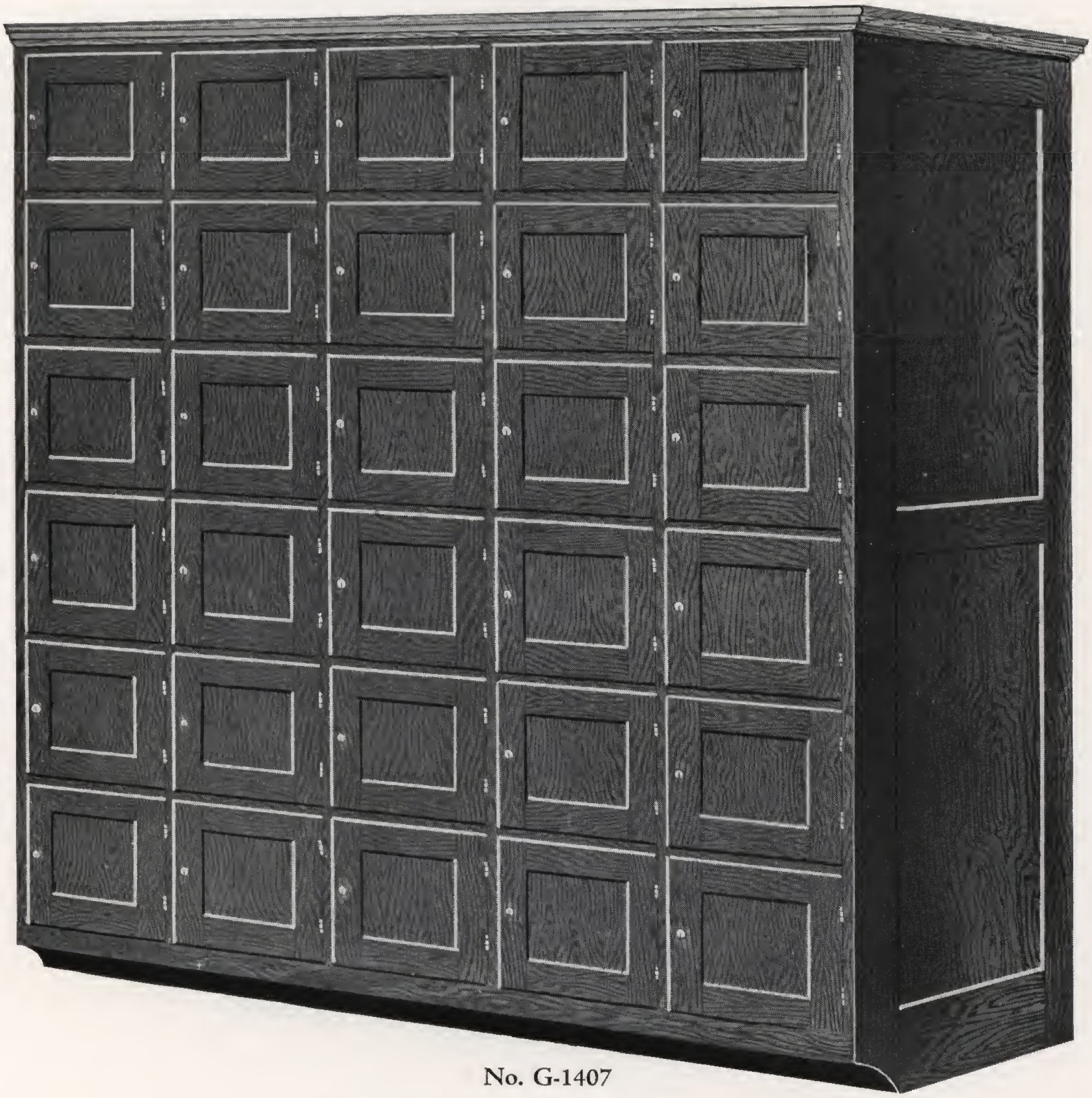
Weight crated—No. G-1405, 475 lbs.

No. G-1405—Wardrobe and Storage Case, without locks.

No. G-1406—Wardrobe and Storage Case, locks on sliding doors and drawers.



No. G-1405



No. G-1407

No. G-1407 WALL LOCKER

This wall locker is designed for the storage of the student's personal effects and provides private locked, dust proof locker space for thirty pupils. Case is made in thirty compartment units. Units may be joined and bolted together when additional locker capacity is desired.

SPECIFICATIONS

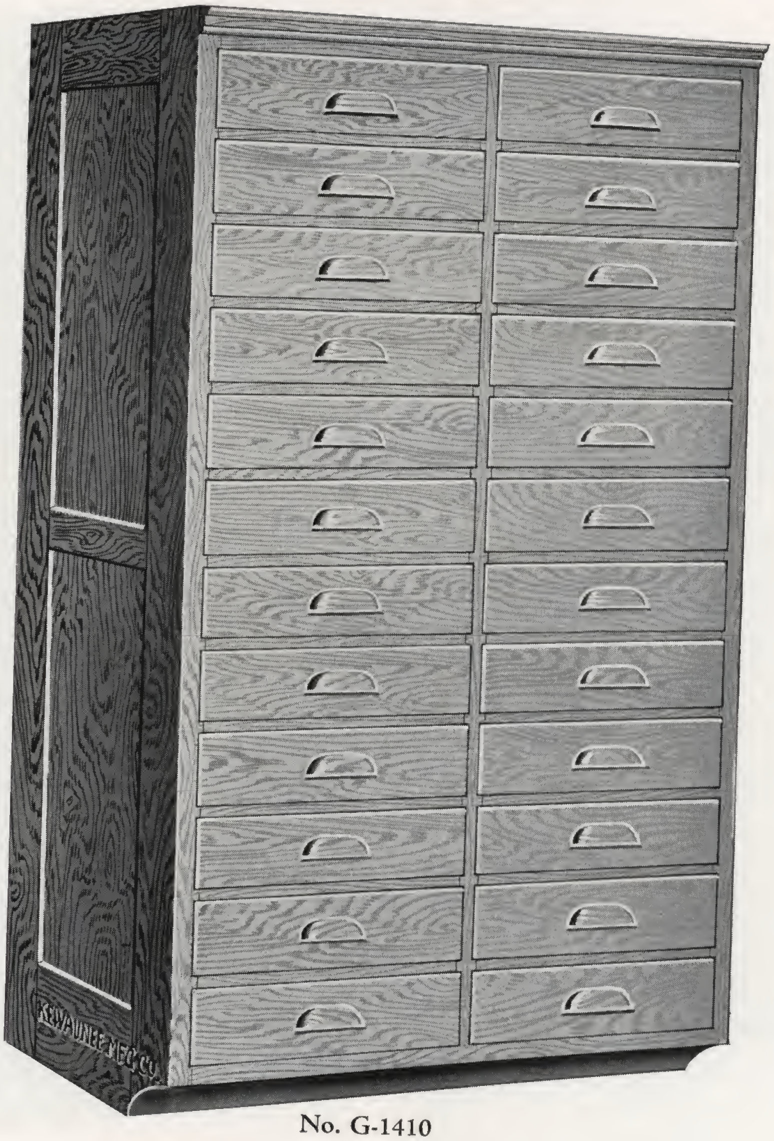
	Width	Height	Depth
Overall	69 in.	78 in.	23 in.
30 lockers	12¾ in.	11 in.	20 in.

Construction—Exterior, selected white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1407, 525 lbs.; No. G-1408, 1000 lbs.; No. G-1409, 1350 lbs.

No. G-1407—Wall Locker, 30 compartments, masterkeyed locks.
No. G-1408—Wall Locker, 60 compartments, masterkeyed locks.
No. G-1409—Wall Locker, 90 compartments, masterkeyed locks.


KEWAUNEE MFG. CO.

No. G-1410

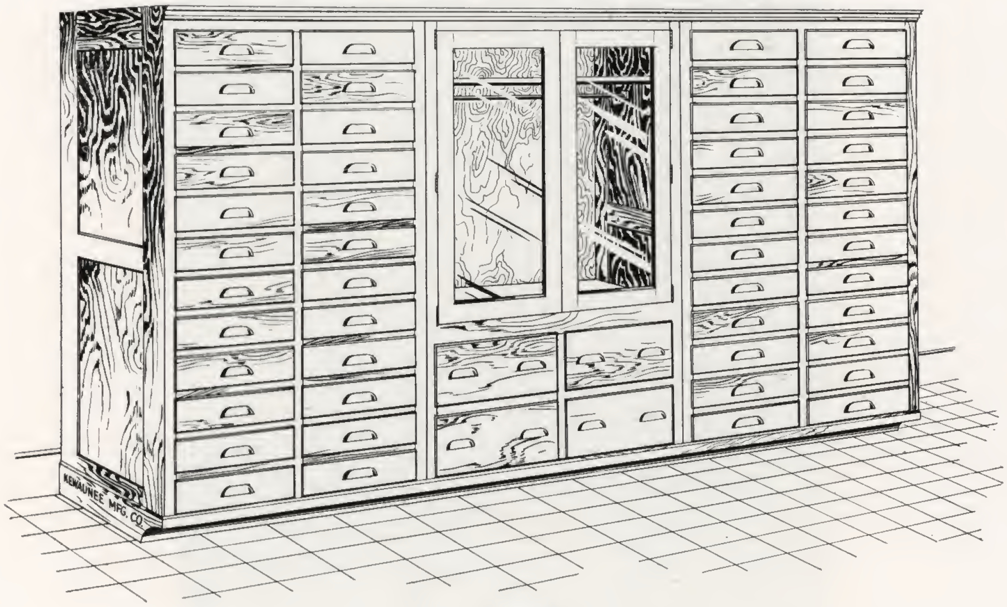
No. G-1410 DRAWER CASE

With certain Domestic Science equipment arrangements, private locked drawers in drawer cases are provided for each student in lieu of wall lockers or private drawers at the table. The drawer case illustrated here is a unit case, each unit containing 24 drawers, and as many units as are desired can be joined together. With the installation of this drawer cabinet, it is also possible to add units from time to time to meet growing requirements.

SPECIFICATIONS

	Width	Height	Depth
Overall	36 in.	6 ft. 6 in.	23 in.
24 drawers	15 in.	4½ in.	17 in.

Construction—Exterior, selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. G-1410, 600 lbs.
No. G-1410—Drawer Case, without locks.
No. G-1411—Drawer Case, masterkeyed locks.


KEWAUNEE MFG. CO.

No. G-1413

No. G-1413 DRAWER AND DISPLAY CASE

The drawer and display case shown above is made up of two units of No. G-1410 drawer case and No. G-1403 wardrobe and storage case for the Domestic Art department. Additional drawer case or wardrobe and storage case units can be added as desired.

SPECIFICATIONS

	Width	Height	Depth
Overall	10 ft.	6 ft. 6 in.	23 in.
48 drawers	15 in.	4½ in.	17 in.
4 drawers	20 in.	6¾ in.	17 in.

Construction—Exterior, selected white oak; swinging doors glazed with double strength glass; 1 fixed shelf.

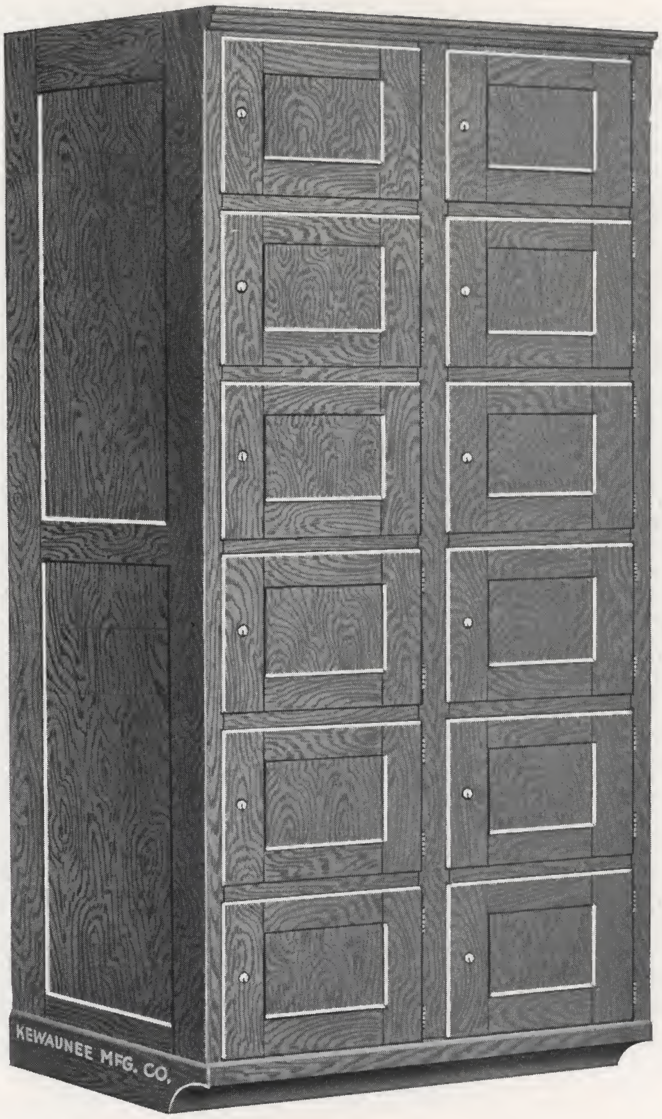
Finish—No. 1 or No. 2 Oak.

Fixtures—1 nickel plated hanger rod.

Weight crated—No. G-1413, 1600 lbs.

No. G-1413—Drawer and Display Case, without locks.

No. G-1414—Drawer and Display Case, masterkeyed locks on all drawers and swinging doors.


KEWAUNEE MFG. CO.

No. G-1417

No. G-1417 UNIT LOCKER CASE

This unit locker case provides 12 private lockers for Domestic art students and as many units as are required can be joined together. This type of unit case is frequently used in combination with the wardrobe case No. G-1403, and such a combination is shown on the opposite page.

SPECIFICATIONS

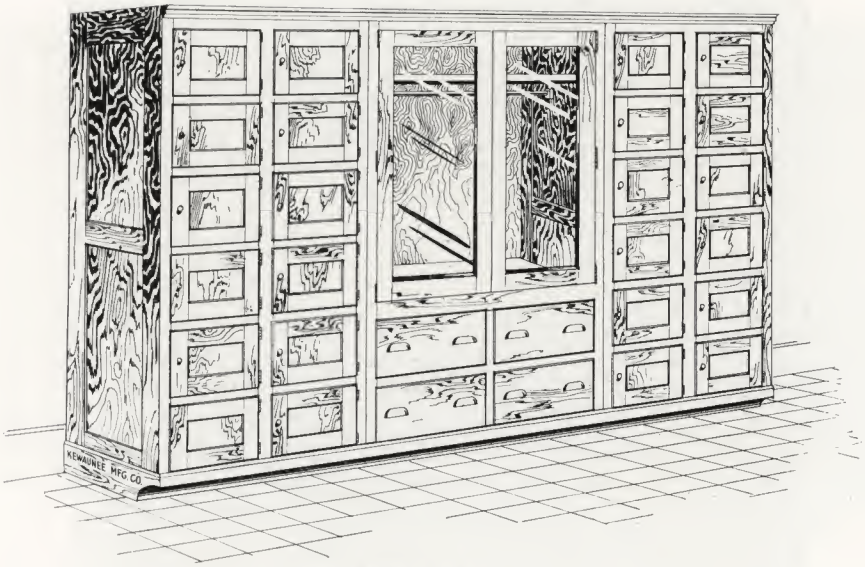
	Width	Height	Depth
Overall	36 in.	6 ft. 6 in.	23 in.
12 compartments	15¾ in.	11 in.	20¼ in.

Construction—Exterior, selected white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1417, 325 lbs.

No. G-1417—Unit Locker Case, masterkeyed locks.
No. G-1418—Unit Locker Case, without locks.



No. G-1421

No. G-1421 LOCKER AND WARDROBE DISPLAY CASE

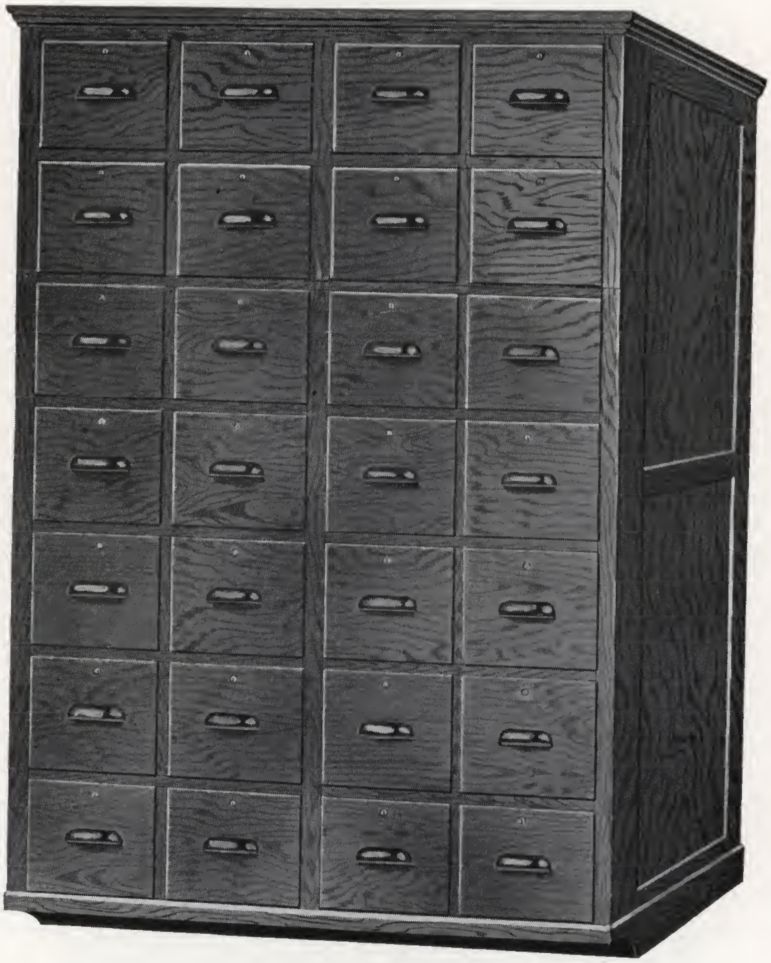
The case listed above includes two No. G-1417 locker case units combined with one No. G-1403 wardrobe and storage case unit. Additional units of either the wardrobe case or the locker case can be added as desired.

SPECIFICATIONS

	Width	Height	Depth
Overall	10 ft.	6 ft. 6 in.	23 in.
24 compartments	15¾ in.	11 in.	20¼ in.
4 drawers	20 in.	6¾ in.	17 in.

Construction—Exterior, selected white oak; swinging doors glazed with double strength glass; 1 fixed shelf.
Finish—No. 1 or No. 2 Oak.
Fixtures—1 nickel plated hanger rod.
Weight crated—No. G-1421, 875 lbs.

No. G-1421—Locker and Wardrobe Display case, masterkeyed locks.
No. G-1422—Locker and Wardrobe Display case, without locks.



No. G-1424

No. G-1424 STUDENTS' STORAGE CABINET

Private storage space for the personal effects of twenty-eight students is provided in this storage cabinet. Each drawer is fitted with a high grade, masterkeyed, cast brass lock, with locks all different.

SPECIFICATIONS

	Width	Height	Depth
Overall	50 in.	6 ft. 2 in.	23 in.
28 drawers	9½ in.	8¼ in.	15¾ in.

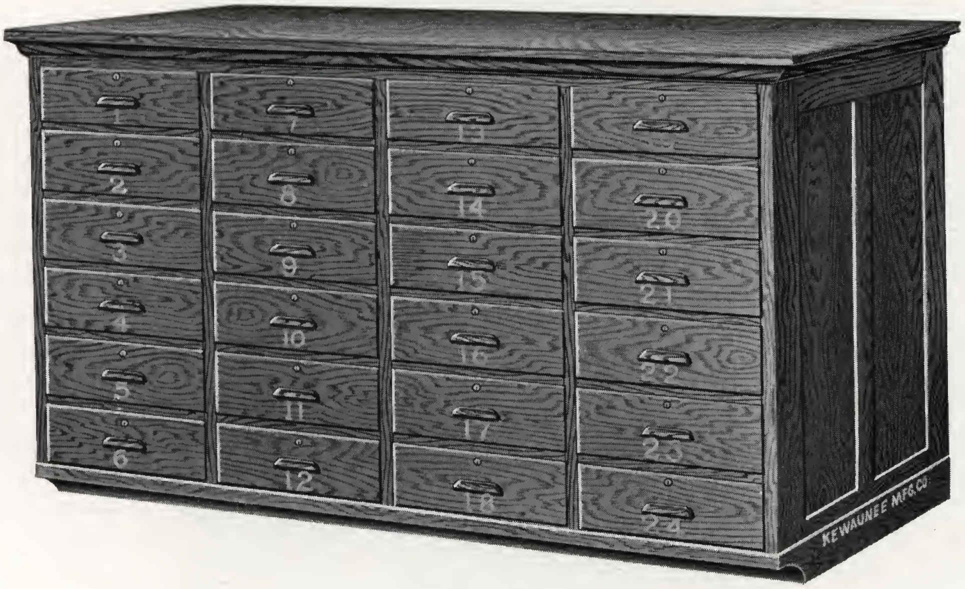
Construction—Exterior, selected white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1424, 600 lbs.

No. G-1424—Students' Storage Cabinet, masterkeyed locks.

No. G-1425—Students' Storage Cabinet, without locks.


KEWAUNEE MFG. CO.

No. G-1427

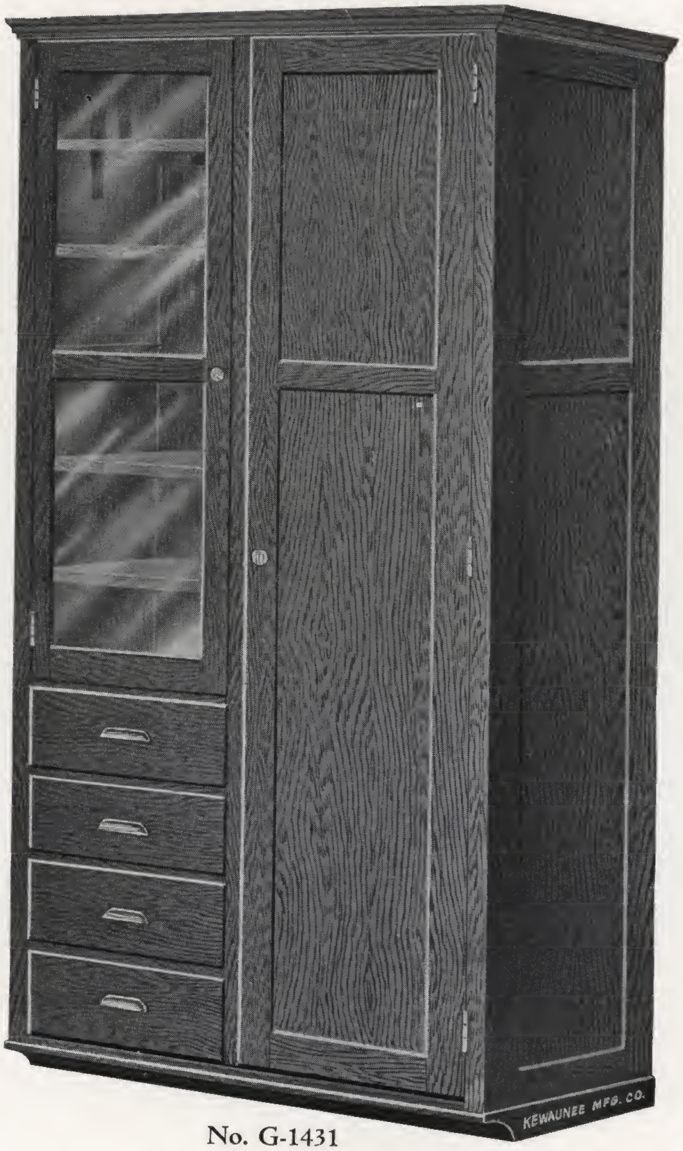
No. G-1427 STUDENT'S DRAWER-STORAGE CASE

This drawer case provides 24 drawers for storing the student's personal effects in the sewing room. A drawer case of this kind may be used in conjunction with plain sewing tables, and the drawers can be made interchangeable with students' table drawers if this arrangement is desired. These drawer cases are furnished in units of 24 drawers to provide locked drawer space for any number of sections of students in the sewing room.

SPECIFICATIONS

	Width	Height	Depth
Overall	6 ft.	46 in.	24 in.
24 drawers	15 in.	5 in.	18 in.

Construction—Exterior, selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. G-1427, 560 lbs.
No. G-1427—Students' Drawer Storage Case, masterkeyed locks.
No. G-1428—Students' Drawer Storage Case, without locks.



No. G-1431

No. G-1431 WARDROBE AND BOOKCASE

The wardrobe section of this case contains two adjustable shelves and one fixed shelf at the top. Four clothes hooks are fastened to the back. The book case section has a hinged glass door and contains five uniformly spaced shelves and four drawers.

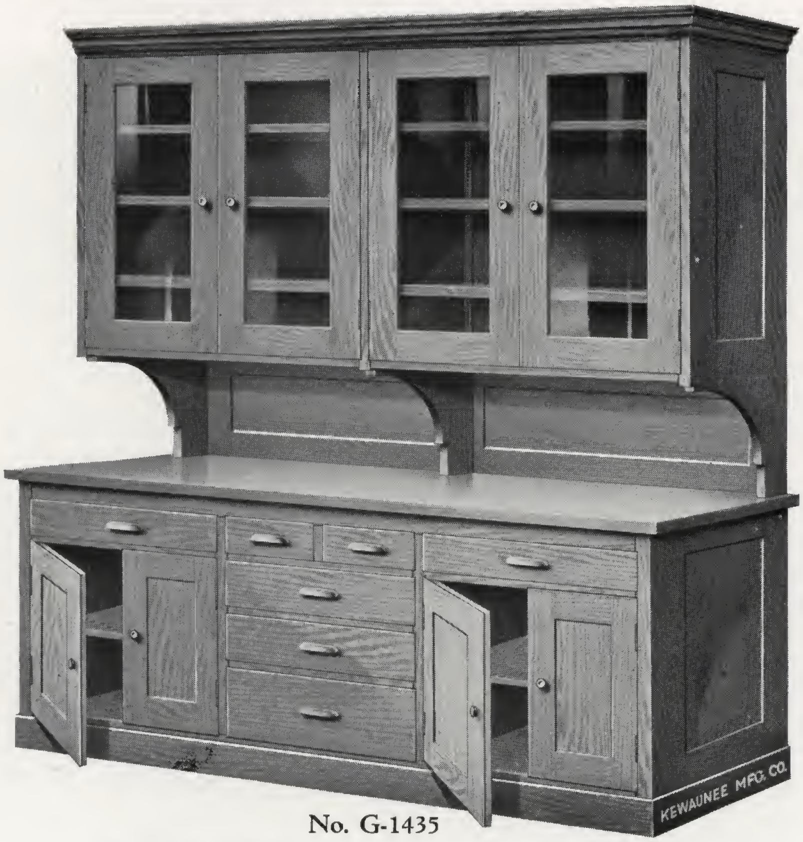
SPECIFICATIONS

	Width	Height	Depth
Overall	42 in.	7 ft.	18 in.
Wardrobe section	18 in.	5 ft.	15 in.
4 drawers	17 in.	5½ in.	12 in.

Construction—Exterior, selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. G-1431, 390 lbs.
No. G-1431—Wardrobe and Book Case, without locks.
No. G-1432—Wardrobe and Book Case, with locks.

No. G-1435 DOMESTIC SCIENCE STORAGE CASE

This Domestic Science storage case is very attractive and is particularly desirable in the Domestic Science department, because it does not look "institutional". The upper section is deep and roomy and has three adjustable shelves behind glazed swinging doors. Heavy ornamental wood brackets support the upper section and are so arranged that they do not interfere with the counter. The counter is 2 ft. wide by 6 ft. long, and can be furnished covered with Monel Metal if desired. Two small drawers provide excellent storage for silverware, and five large drawers and two roomy double cupboards complete the storage space.



No. G-1435

SPECIFICATIONS

	Width	Height	Depth
Overall	73½ in.	7 ft.	25 in.
Upper section	73½ in.	50 in.	12½ in.
Lower section	73½ in.	34 in.	25 in.
2 drawers	20⅝ in.	3 in.	18¼ in.
2 drawers	9⅛ in.	3 in.	18¼ in.
2 drawers	20⅝ in.	4½ in.	18¼ in.
1 drawer	20⅝ in.	7½ in.	18¼ in.
2 cupboards	22⅛ in.	20½ in.	21 in.

Construction—Exterior, selected white oak. Counter, birch.
Finish—No. 1 or No. 2 Oak. Counter, natural varnish.
Weight crated, No. G-1435, 780 lbs.

No. G-1435—Domestic Science Storage Case, birch counter, no locks.

No. G-1436—Domestic Science Storage Case, counter covered with Monel Metal, no locks.

No. G-1437 DOMESTIC SCIENCE STORAGE CASE

This four foot long Domestic Science Storage Case is often used to supplement the No. G-1435 case shown above in the larger domestic science departments, and is also very desirable for use in those places where a smaller case only is required. Three adjustable shelves are provided in the upper section. The counter is furnished in wood or Monel Metal as desired, and five large drawers and one double cupboard are provided in the lower section. This case is very attractive and "homelike."

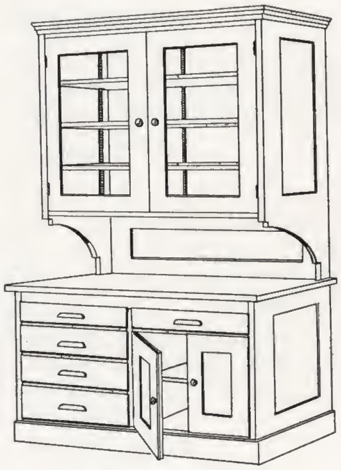
SPECIFICATIONS

	Width	Height	Depth
Overall	50½ in.	7 ft.	25 in.
Upper section	50½ in.	50 in.	12½ in.
Lower section	50½ in.	34 in.	25 in.
2 drawers	20⅝ in.	3 in.	18¼ in.
2 drawers	20⅝ in.	4½ in.	18¼ in.
1 drawer	20⅝ in.	7½ in.	18¼ in.
1 Cupboard	22⅛ in.	20½ in.	21 in.

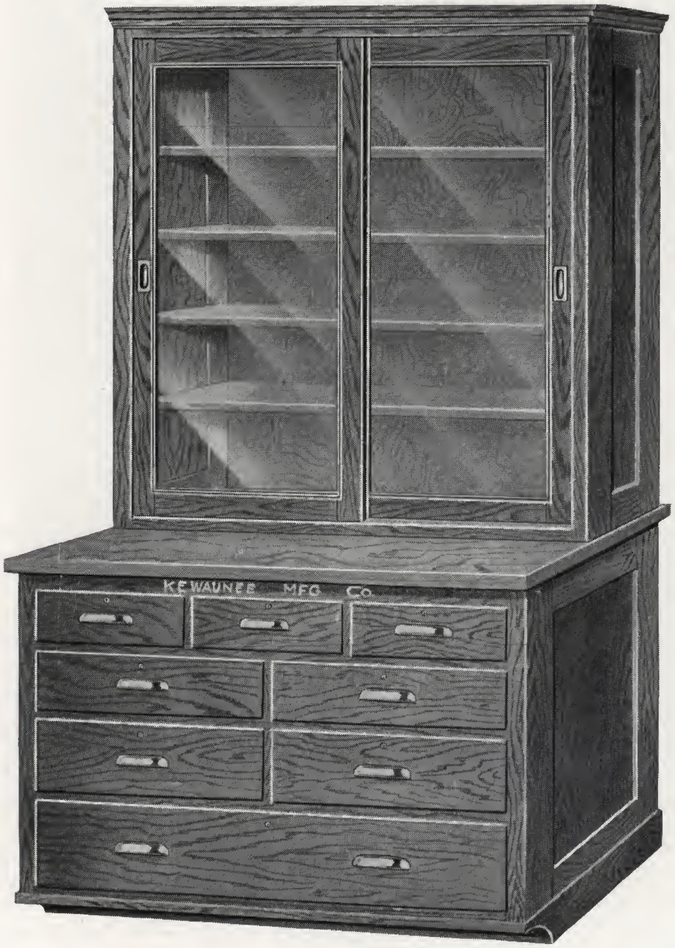
Construction—Exterior, selected white oak. Counter, birch.
Finish—No. 1 or No. 2 Oak. Counter, natural finish.
Weight crated, No. G-1437, 620 lbs.

No. G-1437—Domestic Science Storage Case, birch counter, no locks.

No. G-1438—Domestic Science Storage Case, counter covered with Monel Metal, no locks.



No. G-1437



No. G-1439

No. G-1439 DOMESTIC SCIENCE SUPPLY CASE

This case is built of solid selected white oak, including the counter. The sliding doors of the upper section are glazed with double strength glass and are mounted on steel ball-bearing sheaves and steel track, slide freely and are dust proof.

SPECIFICATIONS

	Width	Height	Depth
Overall	50 in.	7 ft.	25 in.
Upper section	50 in.	50 in.	12½ in.
Lower section	50 in.	34 in.	25 in.
3 drawers	12¾ in.	4 in.	18 in.
2 drawers	20¼ in.	4¾ in.	18 in.
2 drawers	20½ in.	5¾ in.	18 in.
1 drawer	43 in.	7 in.	18 in.

Construction—Exterior, selected white oak; sliding doors glazed with double strength glass; 4 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1439, 480 lbs.

No. G-1439—Domestic Science Supply Case, locks on doors and drawers.

No. G-1440 DOMESTIC SCIENCE SUPPLY CASE

The lower section of the supply case shown at the right consists of a wide, deep cupboard having two adjustable shelves behind sliding wood paneled doors.

SPECIFICATIONS

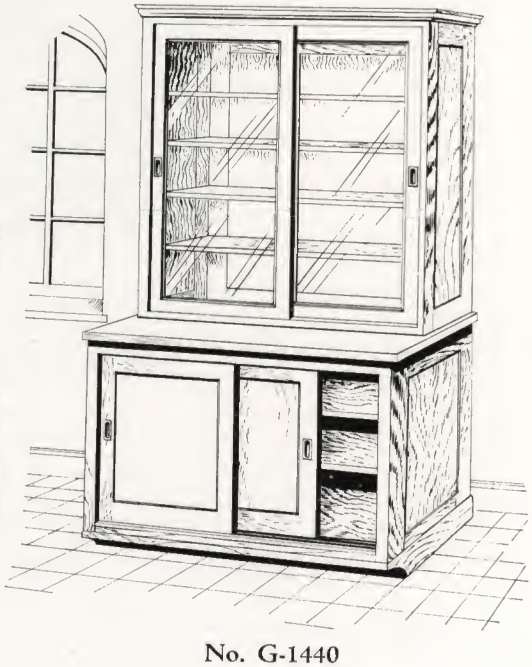
	Width	Height	Depth
Overall	50 in.	7 ft.	25 in.
Upper section	50 in.	50 in.	12½ in.
Lower section	50 in.	34 in.	25 in.
Cupboard	44½ in.	27⅛ in.	19 in.

Construction—Exterior, selected white oak; 4 adjustable shelves in upper section covered by glazed sliding doors; 2 adjustable shelves in lower section covered by wood paneled doors.

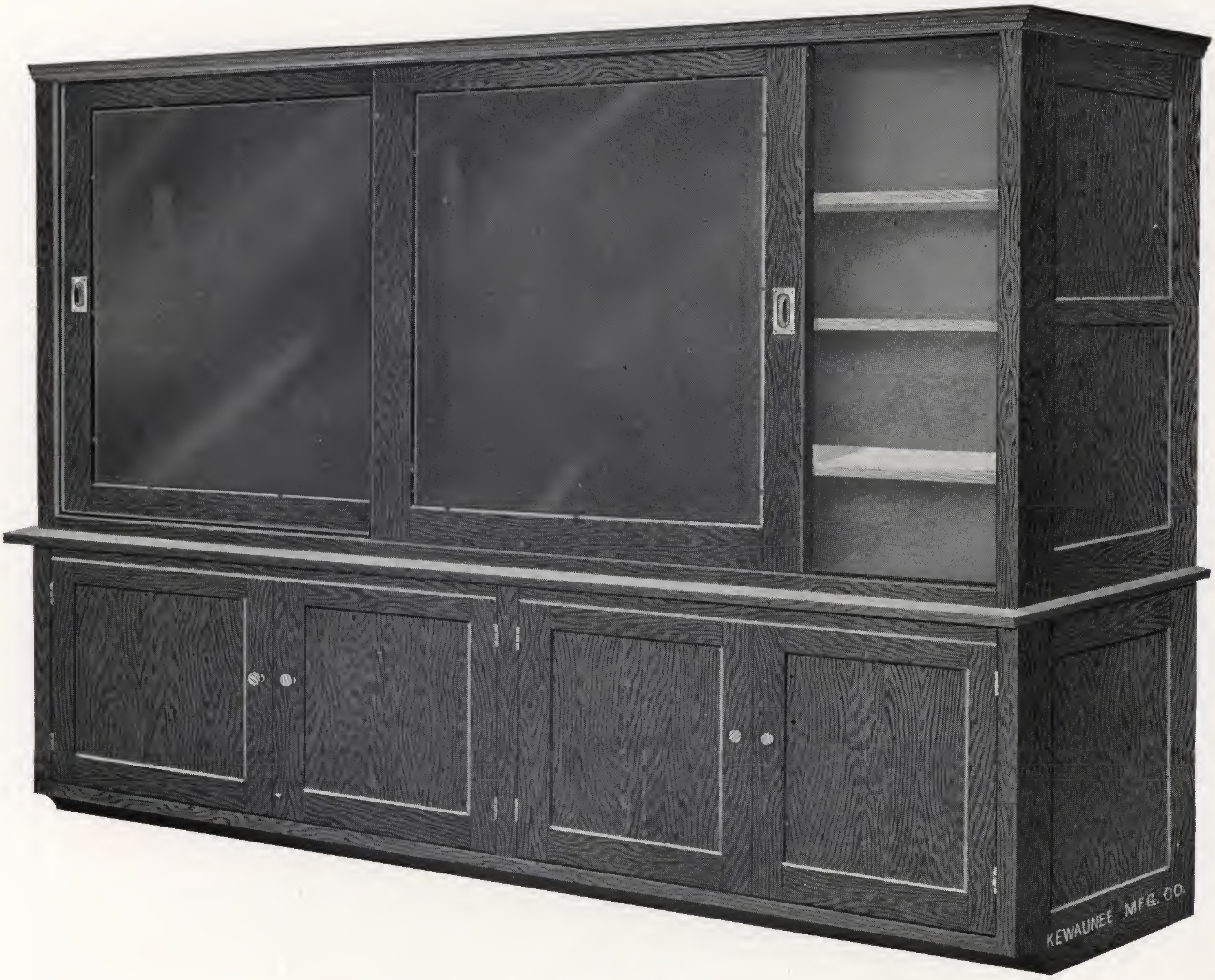
Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1440, 490 lbs.

No. G-1440—Domestic Science Supply Case.



No. G-1440



No. G-1443

No. G-1443 SUPPLY CASE AND BLACKBOARD

This supply case combines storage space with blackboard surface and is well adapted to those rooms where this combination is needed. The upper section contains two compartments with three adjustable shelves each, and is enclosed by sliding hyloplate doors, the writing surface of each door being 41⅞ in. by 40⅛ in. The lower section contains two double cupboards with an adjustable shelf in each cupboard.

SPECIFICATIONS

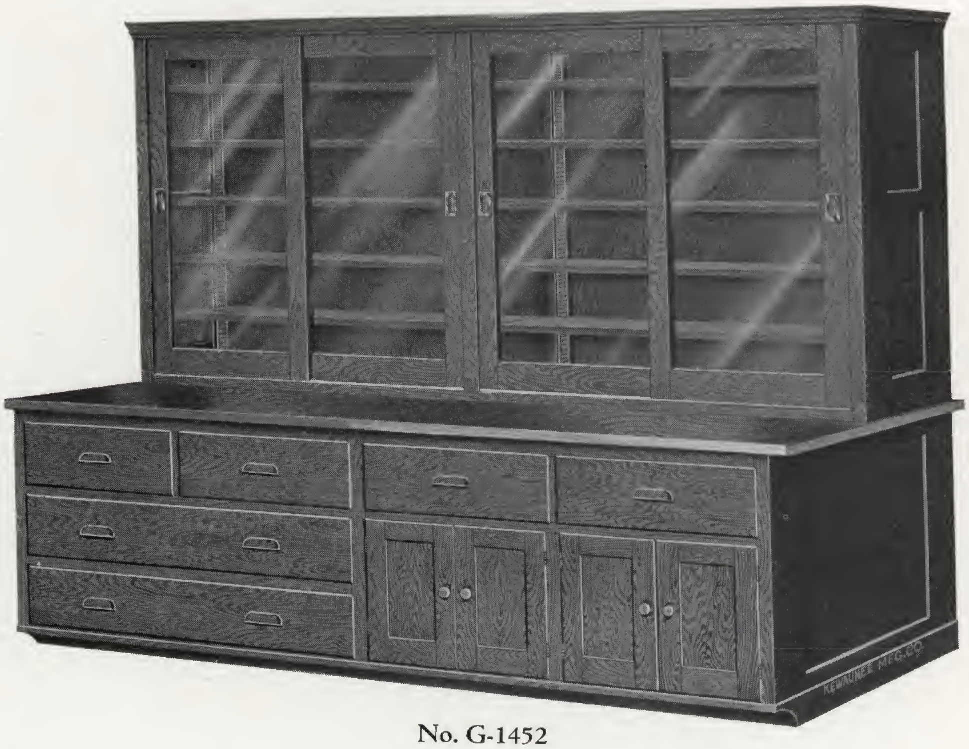
	Width	Height	Depth
Overall	8 ft.	7 ft.	26 in.
2 double cupboards	44⅜ in.	27 in.	21¾ in.
2 Hyloplate writing surfaces	41⅞ in.	40⅛ in.	

Construction—Exterior, selected white oak; 3 adjustable shelves covered by sliding hyloplate doors, each cupboard has one adjustable shelf.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1443, 860 lbs.

No. G-1443—Supply Case and Blackboard, without locks.
No. G-1444—Supply Case and Blackboard, with locks.



No. G-1452

No. G-1452 CHEMICAL AND APPARATUS STORAGE CASE

A case for the chemistry laboratory providing shelf room for bottles of various sizes, and drawers and cupboards for storing miscellaneous supplies and equipment. Besides the regular eight and ten foot cabinets, either section of the base can be had in four and five foot units with top sections to fit.

SPECIFICATIONS

	Width	Height	Depth
Overall	10 ft.	7½ ft.	25 in.
Upper section	10 ft.	54 in.	12 in.
Lower section	10 ft.	36 in.	25 in.
4 drawers	25¼ in.	7⅜ in.	18 in.
2 drawers	53 in.	7⅜ in.	18 in.
2 cupboards	26¼ in.	17 in.	21 in.

Construction—Exterior, selected white oak; 10 adjustable shelves in upper section covered by glazed sliding doors, birch counter, finished black acid resisting.

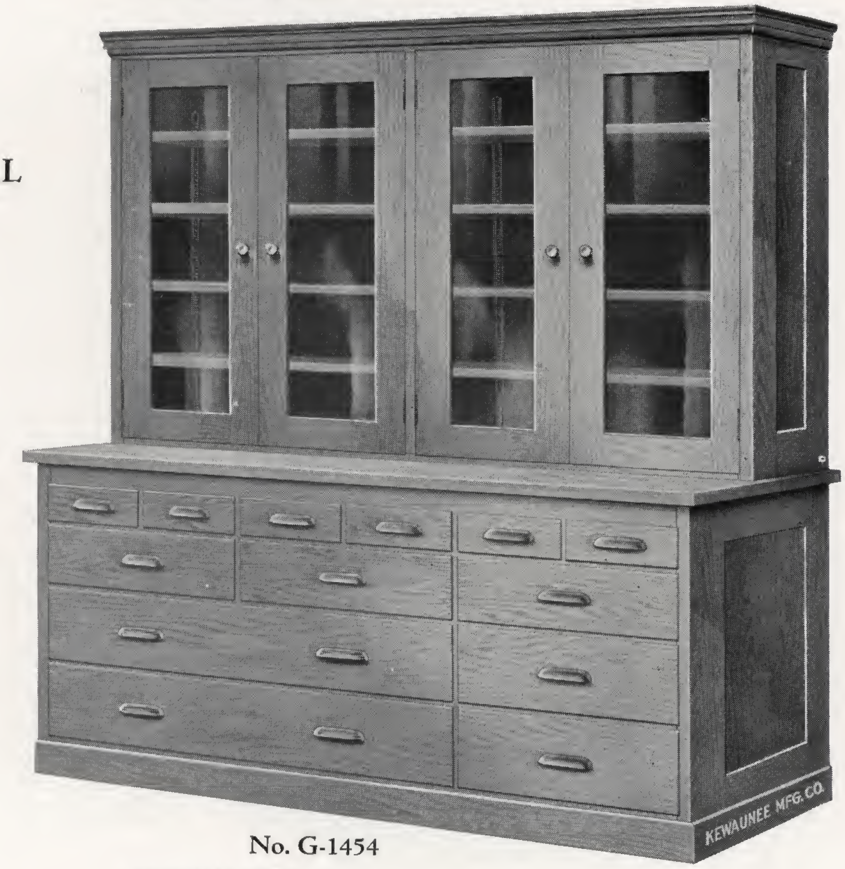
Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1447, 500 lbs.; No. G-1449, 840 lbs.; No. G-1450, 535 lbs.; No. G-1452, 990 lbs.

No. G-1447—Chemical and Apparatus Storage Case, 4 ft. cupboard unit.
No. G-1448—Chemical and Apparatus Storage Case, 4 ft. drawer unit.
No. G-1449—Chemical and Apparatus Storage Case, 8 ft. long.
No. G-1450—Chemical and Apparatus Storage Case, 5 ft. cupboard unit.
No. G-1451—Chemical and Apparatus Storage Case, 5 ft. drawer unit.
No. G-1452—Chemical and Apparatus Storage Case, 10 ft. long.

No. G-1454 CHEMICAL AND APPARATUS STORAGE CASE

The varied drawer sizes combined with the four shelf upper section of this case make it desirable for use in many of the science laboratories. The drawers vary in sizes from the small top drawers suitable for storing small and delicate apparatus to the extremely large bottom drawers that will accommodate even the largest Physics apparatus.



No. G-1454

SPECIFICATIONS

	Width	Height	Depth
Overall	73½ in.	7 ft.	24 in.
Upper section	73½ in.	48 in.	15 in.
Lower section	73½ in.	36 in.	24 in.
6 drawers	9⅛ in.	3 in.	17¼ in.
3 drawers	20⅝ in.	5½ in.	17¼ in.
2 drawers	20⅝ in.	7¾ in.	17¼ in.
2 drawers	43⅝ in.	7¾ in.	17¼ in.

Construction—Exterior, selected white oak; swinging doors glazed with Double Strength glass; 8 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

Weight crated, No. G-1454, 720 lbs. No. G-1456, 670 lbs.

No. G-1454—Chemical and Apparatus Storage Case, without locks.

No. G-1455—Chemical and Apparatus Storage Case, locks on drawers and doors.

No. G-1456—Chemical and Apparatus Storage Case, 4 shelves, without locks.

No. G-1457—Chemical and Apparatus Storage Case, 4 shelves, locks on drawers and doors.

No. G-1459 LABORATORY STORAGE CASE

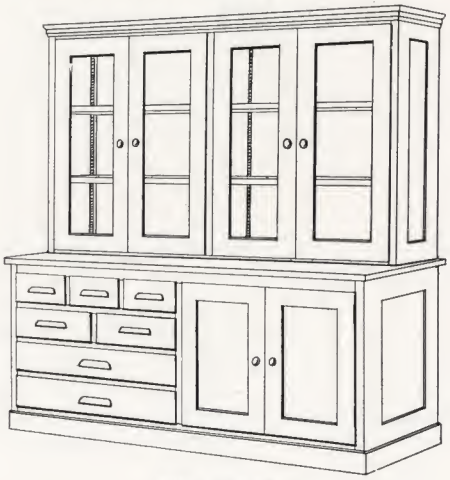
Where a combination of deep cupboard space and drawers is desired in the lower section, the No. G-1459 case illustrated at the right will prove very desirable. Three sizes of drawers accommodate a wide variety of instruments and laboratory supplies, and the deep cupboard accommodates a great deal of necessary large apparatus. Additional adjustable shelves can be furnished to supplement the two adjustable shelves regularly furnished in the upper section.

SPECIFICATIONS

	Width.	Height	Depth
Overall	73½ in.	7 ft.	24 in.
Upper section	73½ in.	48 in.	15 in.
Lower section	73½ in.	36 in.	24 in.
3 drawers	9 in.	5½ in.	17¼ in.
2 drawers	14⅝ in.	5½ in.	17¼ in.
1 drawer	31⅝ in.	5½ in.	17¼ in.
1 drawer	31⅝ in.	7½ in.	17¼ in.
Double cupboard	33⅛ in.	29⅝ in.	20¼ in.

Construction—Exterior, selected white oak; swinging doors glazed with double strength glass; 4 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

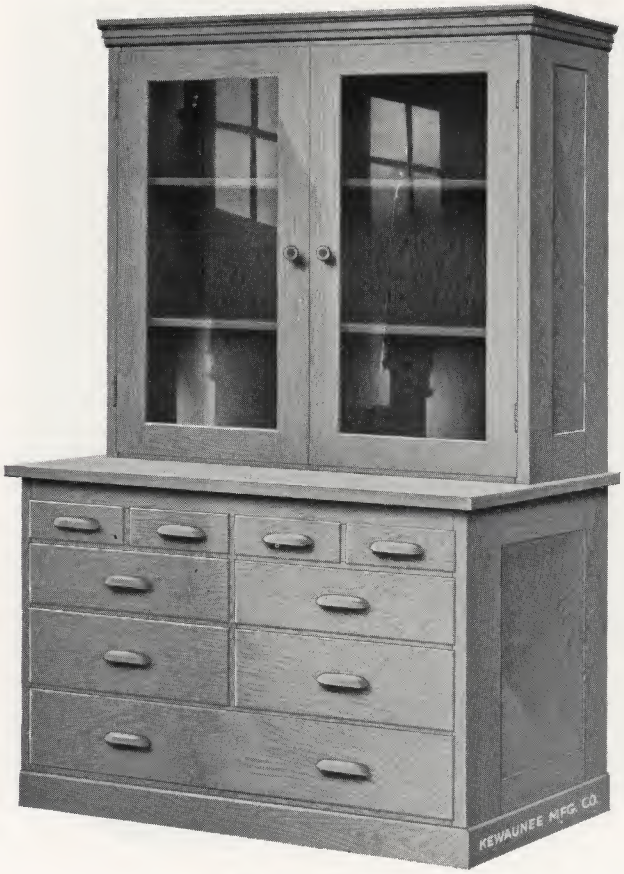


No. G-1459

Weight crated—No. G-1459, 590 lbs.

No. G-1459—Laboratory Storage Case, without locks.

No. G-1460—Laboratory Storage Case, locks on drawers and doors.



No. G-1465

No. G-1465 LABORATORY STORAGE CASE

This 4 ft. long laboratory storage case is used frequently to supplement longer cases in the large science departments, and provides a very useful and convenient case in the small crowded laboratory. Four small, four medium sized and one very large drawer provide drawer space that will take a large variety of laboratory apparatus, instruments and supplies, and the very attractive upper section is suitable for either storage or display purposes.

SPECIFICATIONS.

	Width	Height	Depth
Overall	50½ in.	7 ft.	24 in.
Upper section	50½ in.	48 in.	15 in.
Lower section	50½ in.	36 in.	24 in.
4 drawers	9⅛ in.	3 in.	17¼ in.
2 drawers	20⅝ in.	5½ in.	17¼ in.
2 drawers	20⅝ in.	7¾ in.	17¼ in.
1 drawer	43⅝ in.	7¾ in.	17¼ in.

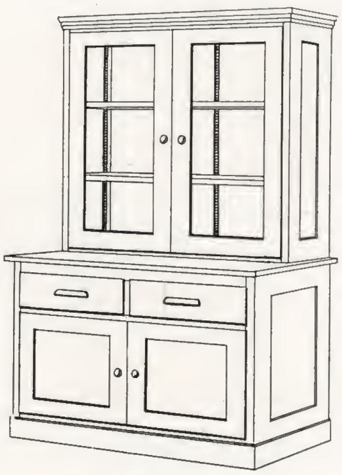
Construction—Exterior, selected white oak; swinging doors glazed with Double Strength glass; 2 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

Weight crated, No. G-1465, 490 lbs.

No. G-1465—Laboratory Storage Case, without locks.

No. G-1466—Laboratory Storage Case, locks on drawers and doors.



No. G-1468

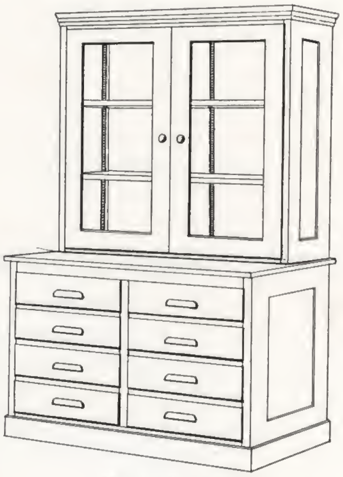
SPECIFICATIONS

	Width	Height	Depth
Overall	50½ in.	7 ft.	24 in.
Upper section	50½ in.	48 in.	15 in.
Lower section	50½ in.	36 in.	24 in.
2 drawers	20⅝ in.	5½ in.	17¼ in.
1 Cupboard	45⅛ in.	22½ in.	20¼ in.

Weight crated, No. G-1468, 420 lbs.

No. G-1468—Laboratory Storage Case, without locks.

No. G-1469—Laboratory Storage Case, locks on drawers and doors.



No. G-1471

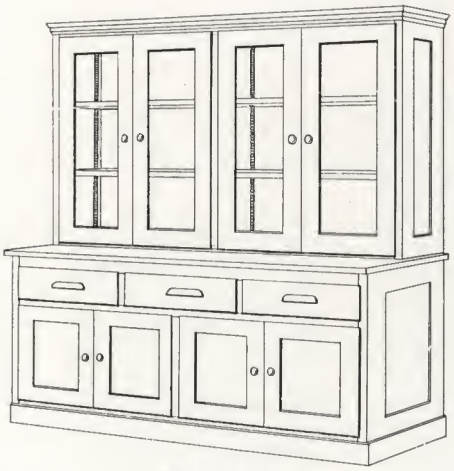
SPECIFICATIONS

	Width	Height	Depth
Overall	50½ in.	7 ft.	24 in.
Upper section	50½ in.	48 in.	15 in.
Lower section	50½ in.	36 in.	24 in.
6 drawers	20⅝ in.	5½ in.	17¼ in.
2 drawers	20⅝ in.	7½ in.	17¼ in.

Weight crated, No. G-1471, 480 lbs.

No. G-1471—Laboratory Storage Case, without locks.

No. G-1472—Laboratory Storage Case, locks on drawers and doors.



No. G-1474

No. G-1474 LABORATORY STORAGE CASE

This case is designed to meet those requirements where cupboard space instead of large drawer space is needed for apparatus storage and display. The upper section is provided with two adjustable shelves enclosed with glazed swinging doors, and the lower section has three drawers over two double roomy cupboards.

SPECIFICATIONS

	Width	Height	Depth
Overall	73½ in.	7 ft.	24 in.
Upper section	73½ in.	48 in.	15 in.
Lower section	73½ in.	36 in.	24 in.
3 drawers	20⅝ in.	5½ in.	17¼ in.
2 cupboards	33⅛ in.	22½ in.	20¼ in.

Construction—Exterior, selected white oak; 2 adjustable shelves covered by glazed swinging doors.

Finish—No. 1 or No. 2 Oak.

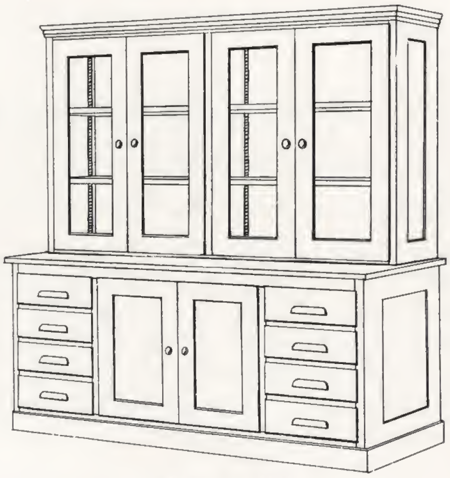
Weight crated—No. G-1474, 680 lbs.

No. G-1474—Laboratory Storage Case, without locks.

No. G-1475—Laboratory Storage Case, locks on drawers and doors.

No. G-1477 LABORATORY STORAGE CASE

The lower section of this case is divided between eight drawers of the small size and one large double cupboard. Two adjustable shelves in the upper section are suitable for either storage or display of materials and apparatus.



No. G-1477

SPECIFICATIONS

	Width	Height	Depth
Overall	73½ in.	7 ft.	24 in.
Upper section	73½ in.	48 in.	15 in.
Lower section	73½ in.	36 in.	24 in.
6 drawers	15 in.	5½ in.	17¼ in.
2 drawers	15 in.	7½ in.	17¼ in.
1 cupboard	33⅜ in.	29⅝ in.	20¼ in.

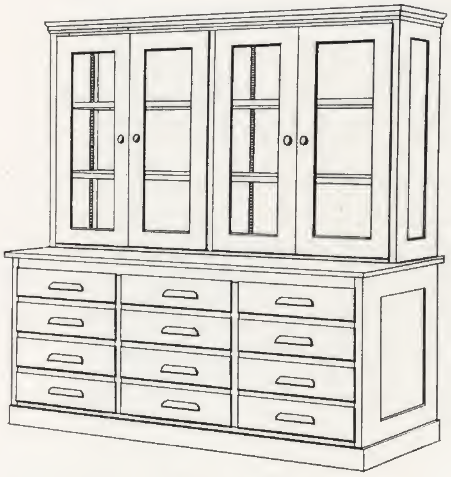
Construction—Exterior, selected white oak, 2 adjustable shelves covered by glazed swinging doors.

Finish—No. 1 or No. 2 Oak.

Weight crated—No.-G1477, 710 lbs.

No. G-1477—Laboratory Storage Case, without locks.

No. G-1478—Laboratory Storage Case, locks on drawers and doors.



No. G-1480

No. G-1480 LABORATORY STORAGE CASE

Twelve large drawers provide a maximum of drawer storage space in this laboratory wall case. The drawers are sufficiently large to store a large quantity of mounted biological and agricultural displays and charts, as well as a great many different articles of apparatus and instruments.

SPECIFICATIONS

	Width	Height	Depth
Overall	73½ in.	7 ft.	24 in.
Upper section	73½ in.	48 in.	15 in.
Lower section	73½ in.	36 in.	24 in.
9 drawers	20⅝ in.	5½ in.	17¼ in.
3 drawers	20⅝ in.	7½ in.	17¼ in.

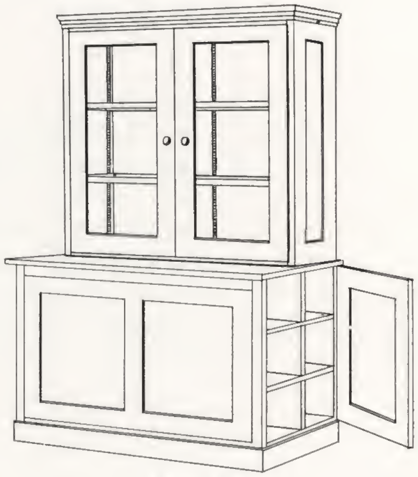
Construction—Exterior, selected white oak; 2 adjustable shelves covered by glazed swinging doors.
Finish No. 1 or No. 2 Oak.
Weight crated—No. G-1480, 720 lbs.

No. G-1480—Laboratory Storage Case, without locks.

No. G-1481—Laboratory Storage Case, locks on drawers and doors.

No. G-1484 LABORATORY STORAGE AND GLASS TUBING CASE

The upper section of this case is provided with two adjustable shelves behind closed swinging doors, and the lower section consists of six 4 ft. long compartments covered by a swinging door at the end. These compartments are suitable for storing glass tubing, burettes, pipettes and other long articles of glassware and apparatus that must be carefully stored. This combination case provides a very economical arrangement for taking care of articles of this kind.



No. G-1484

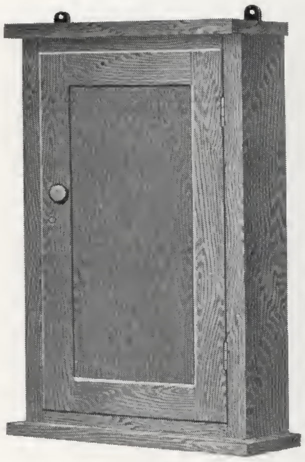
SPECIFICATIONS

	Width	Height	Depth
Overall	50½ in.	7 ft.	19 in.
Upper section	50½ in.	48 in.	15 in.
Lower section	50½ in.	36 in.	19 in.
6 compartments	6⅛ in.	9¼ in.	46¾ in.

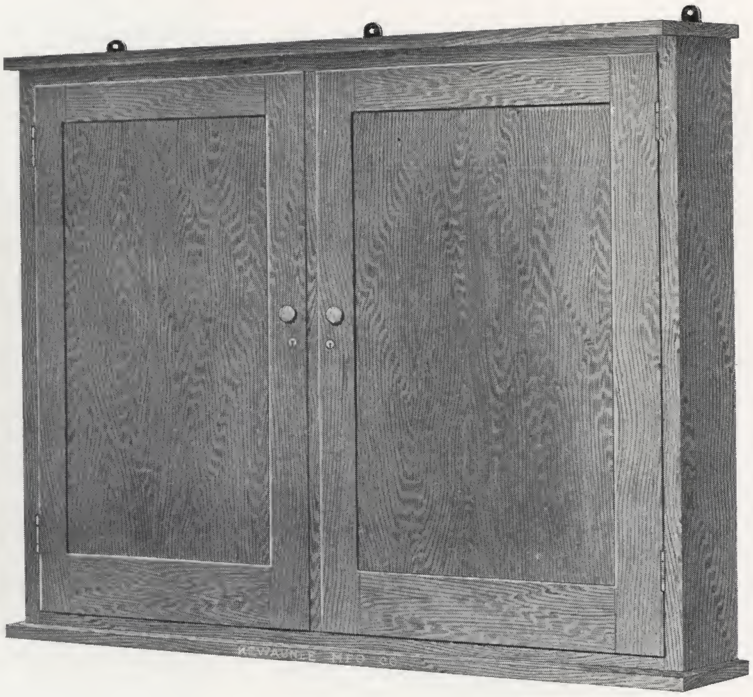
Construction—Exterior, selected white oak; 2 adjustable shelves covered by glazed swinging doors.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. G-1484, 510 lbs.

No. G-1484—Laboratory Storage and Glass Tubing Case, without locks.

No. G-1485—Laboratory Storage and Glass Tubing Case, with locks.



No. G-1492



No. G-1487

No. G-1487 KEY CASE

Hooks are set into the back of the swinging doors as well as the back of the Key Case, and every available inch of the interior of these Key Cases is used. The result is a very shallow key case that takes up a minimum of depth, being only 3⅜ in. in the body. A wide range of sizes is presented that will accommodate from 50 to 1000 keys. Space is left for number plates which can be provided if desired.

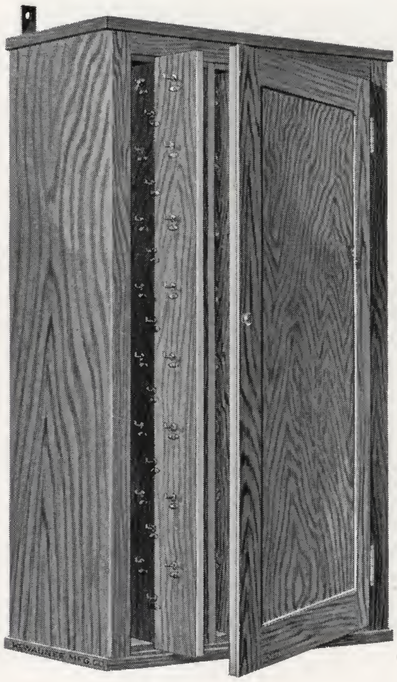
SPECIFICATIONS

	Width	Height	Depth
Overall (No. G-1487)	46 in.	34 in.	4⅛ in.
Overall (No. G-1488)	24 in.	34 in.	4⅛ in.
Overall (No. G-1489)	20½ in.	27 in.	4⅛ in.
Overall No. G-1490 No. G-1491 No. G-1492	14½ in.	22 in.	4⅛ in.

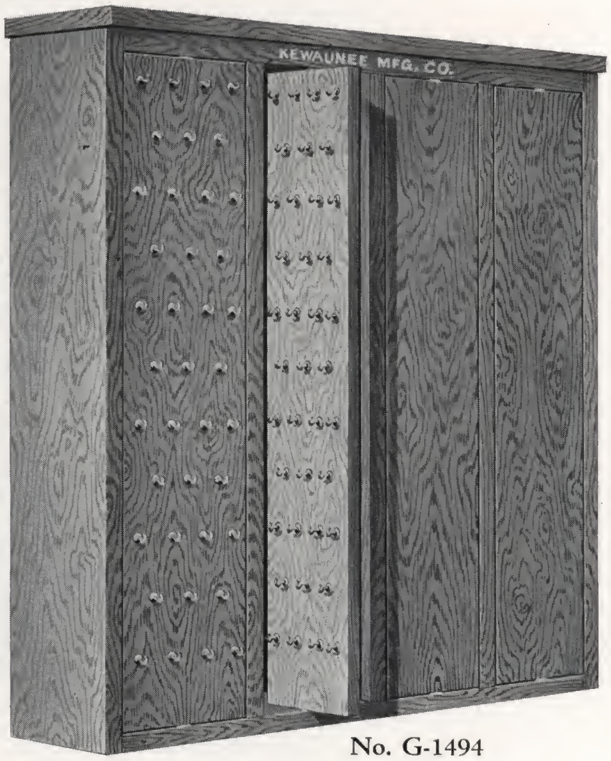
Construction—Exterior, selected white oak.
Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1487, 150 lbs.; No. G-1488, 120 lbs.; No. G-1489, 80 lbs.; No. G-1490, No. G-1491, No. G-1492, 40 lbs. each.

No. G-1487—Key Case, 1000 hooks, with locks.
No. G-1488—Key Case, 500 hooks, with locks.
No. G-1489—Key Case, 300 hooks, with lock.
No. G-1490—Key Case, 150 hooks, with lock.
No. G-1491—Key Case, 100 hooks, with lock.
No. G-1492—Key Case, 50 hooks, with lock.



No. G-1497



No. G-1494

No. G-1497 KEY CASE

This Key Case consists of a series of panels having hooks set into one side only, and so arranged that each panel contains room for 25 keys, or sufficient to accommodate one section. The panels are removable and can be taken from the case and hung on the wall or end of the case. Thus the keys for one section only are available to the students while that section occupies the room. The case is provided in sizes to accommodate practically all requirements.

SPECIFICATIONS

	Width	Height	Depth
Overall (No. G-1497)..	11¼ in.	34½ in.	7¾ in.
Overall (No. G-1498)..	14⅝ in.	34½ in.	7¾ in.
Overall (No. G-1499)..	18 in.	34½ in.	7¾ in.

Construction—Exterior, selected white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1497, 70 lbs.; No. G-1498, 90 lbs.; No. G-1499, 110 lbs.

No. G-1497—Key Case, 4 panels, 100 hooks, with lock.

No. G-1498—Key Case, 6 panels, 150 hooks, with lock.

No. G-1499—Key Case, 8 panels, 200 hooks, with lock.

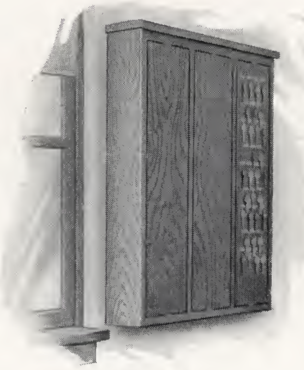


Fig. A

No. G-1494 KEY CASE

This Key Case consists of a series of key panels that revolve on metal dowels, and each panel accommodates a section of 40 students. Unlocking the panel and revolving it exposes the key panel for the particular section using the key case at any time, without the other panels being accessible. This case is similar in this respect to G-1497, but is a larger Key Case and requires more room. Fig A below shows a three panel Key Case installed.

SPECIFICATIONS

	Width	Height	Depth
Overall (No. G-1493)..	20⅛ in.	34 in.	5½ in.
Overall (No. G-1494)..	26⅛ in.	34 in.	5½ in.
Overall (No. G-1495)..	32⅛ in.	34 in.	5½ in.
Overall (No. G-1496)..	38¼ in.	34 in.	5½ in.

Construction—Exterior, selected white oak.

Finish No. 1 or No. 2 Oak.

Locks—Locking device.

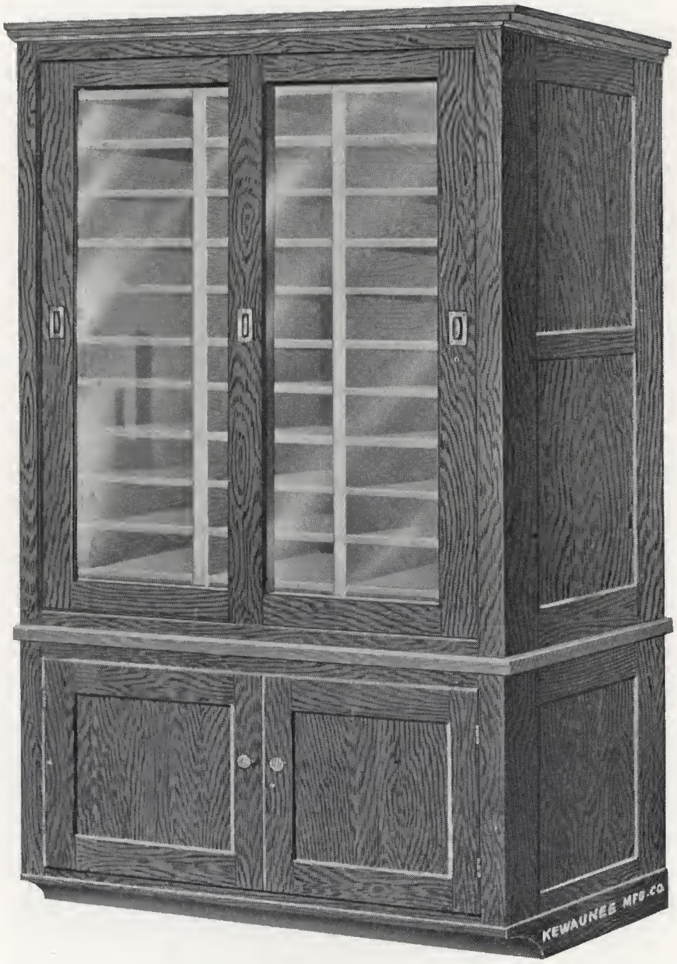
Weight crated—No. G-1493, 90 lbs.; No. G-1494, 110 lbs.; No. G-1495, 125 lbs.; No. G-1496, 140 lbs.

No. G-1493—Key Case, 3 panels, 120 hooks.

No. G-1494—Key Case, 4 panels, 160 hooks.

No. G-1495—Key Case, 5 panels, 200 hooks.

No. G-1496—Key Case, 6 panels, 240 hooks.



No. G-1500

No. G-1500 MUSIC STORAGE CABINET

Two sliding glass doors give free access to the whole top section which contains 36 compartments for the storage of sheet music, and phonograph records. The lower section consists of a large cupboard with two swinging doors.

SPECIFICATIONS

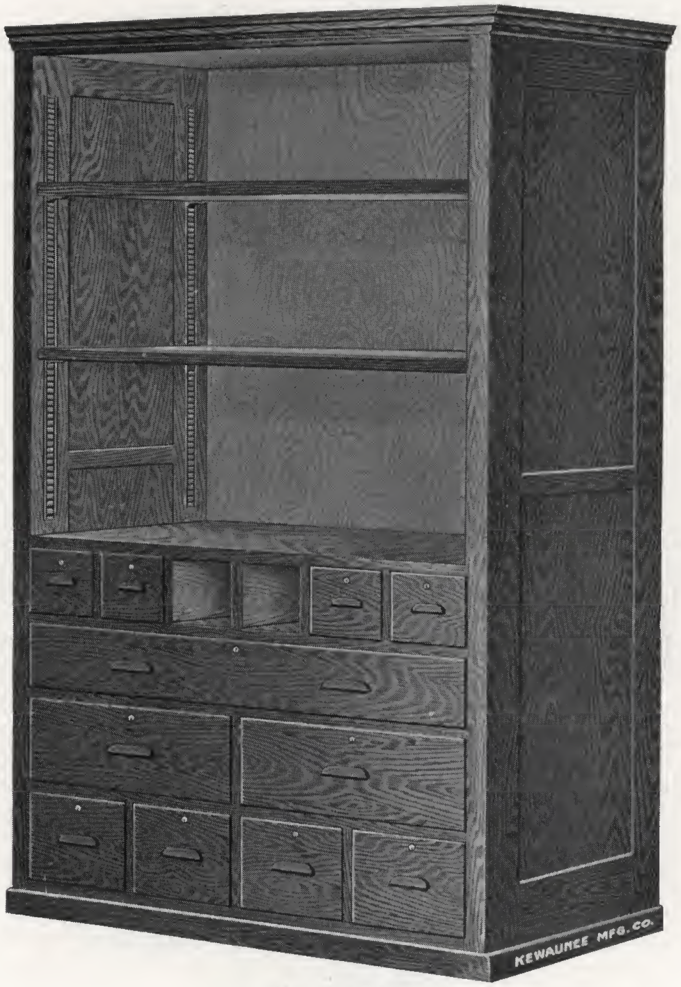
	Width	Height	Depth
Overall	40 in.	6 ft.	21 in.
36 compartments	11 in.	3⅛ in.	15 in.
1 cupboard	34½ in.	17⅜ in.	17¼ in.

Construction—Exterior, selected white oak; sliding doors glazed with double strength glass.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1500, 490 lbs.

No. G-1500—Music Storage Cabinet, with locks.



No. G-1502

No. G-1502 ELECTRICAL STORAGE CASE

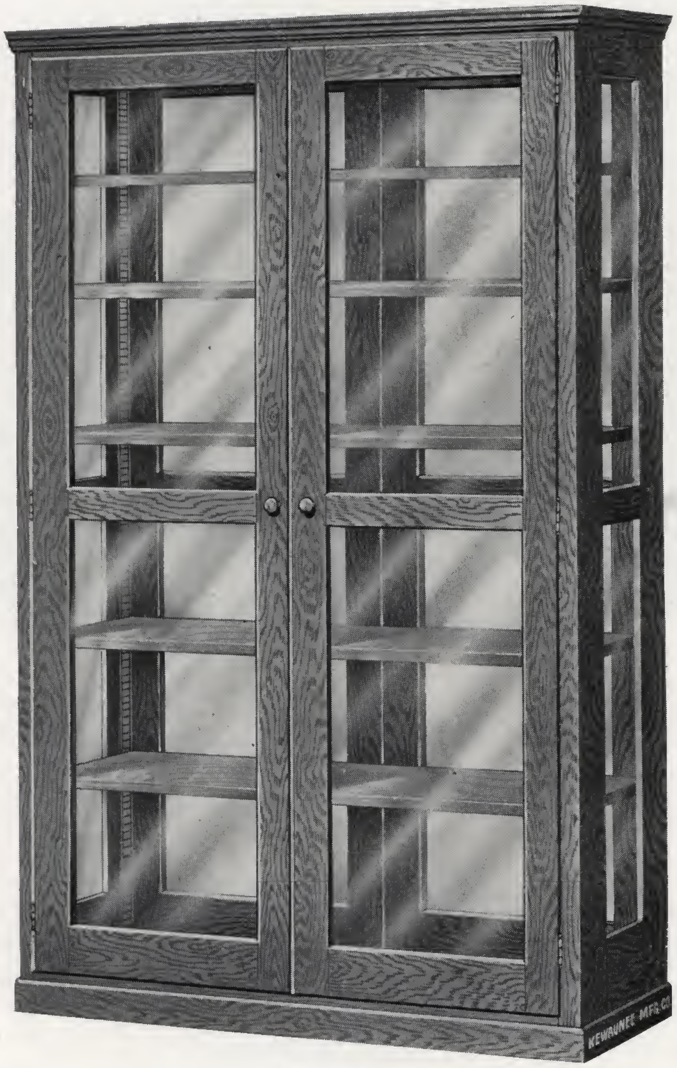
This case is equipped with various size drawers and with two adjustable shelves. The drawers are so proportioned as to accommodate for storage most any type of electrical instrument used for demonstrating in the laboratory. The shelf space is intended to accommodate glass receptacles such as battery jars and other scientific equipment, or it can be used for the storage of receiving transformers, coils and similar apparatus.

SPECIFICATIONS

	Width	Height	Depth
Overall	46 in.	7 ft.	22½ in.
4 drawers	5 in.	5½ in.	16¼ in.
4 drawers	8½ in.	7½ in.	16¼ in.
2 drawers	19⅜ in.	7½ in.	16¼ in.
1 drawer	41 in.	5½ in.	16¼ in.
Open compartments	6 in.	6¼ in.	20½ in.

Construction—Exterior, selected white oak; two adjustable shelves.
Finish No. 1 or No. 2 Oak.
Weight crated—No. G-1502, 490 lbs.

No. G-1501—Electrical Storage Case, without locks.
No. G-1502—Electrical Storage Case, with locks.



No. G-1503

No. G-1503 MUSEUM OR EXHIBITION CASE

An ideal case for central display. Has swinging glass doors, front, back, and ends are glass paneled. Case is equipped with five adjustable oak shelves on brackets and supports, and is provided with heavy felt dust proofing. Shelves are 12½ inches wide.

SPECIFICATIONS

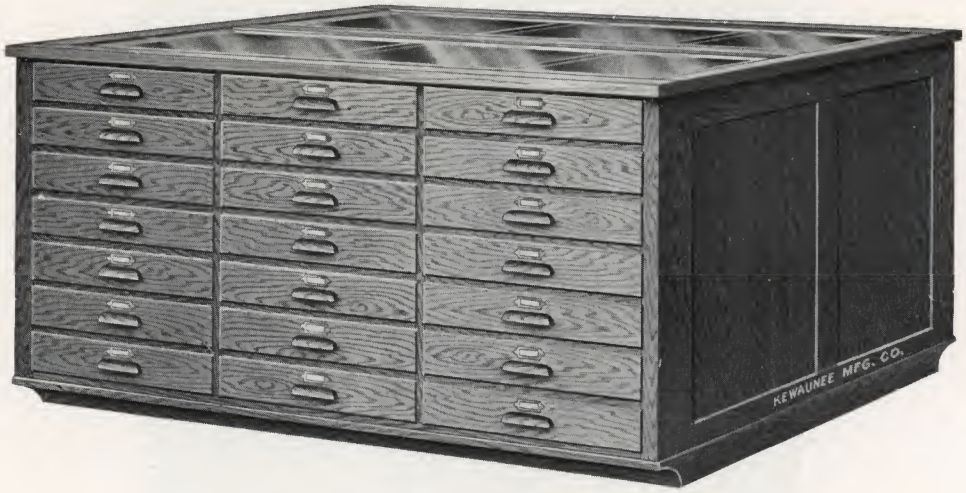
	Width	Height	Depth
Overall	48 in.	7 ft.	15 in.

Construction—Exterior, selected white oak; swinging doors and ends glazed with double strength glass; 5 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1503, 410 lbs.

No. G-1503—Museum or Exhibition Case, with locks.



No. G-1504

No. G-1504 MUSEUM OR CENTER EXHIBITION CASE

This Exhibition case is made in 2 designs, the double or 42 drawer center type case, and the single or wall form 21 drawer case. Cases are made of the finest selected white oak with a two piece beveled edge polished plate glass top. All drawers are interchangeable, are varnished inside and outside, and may be had with the bottoms covered with black felt if desired.

SPECIFICATIONS

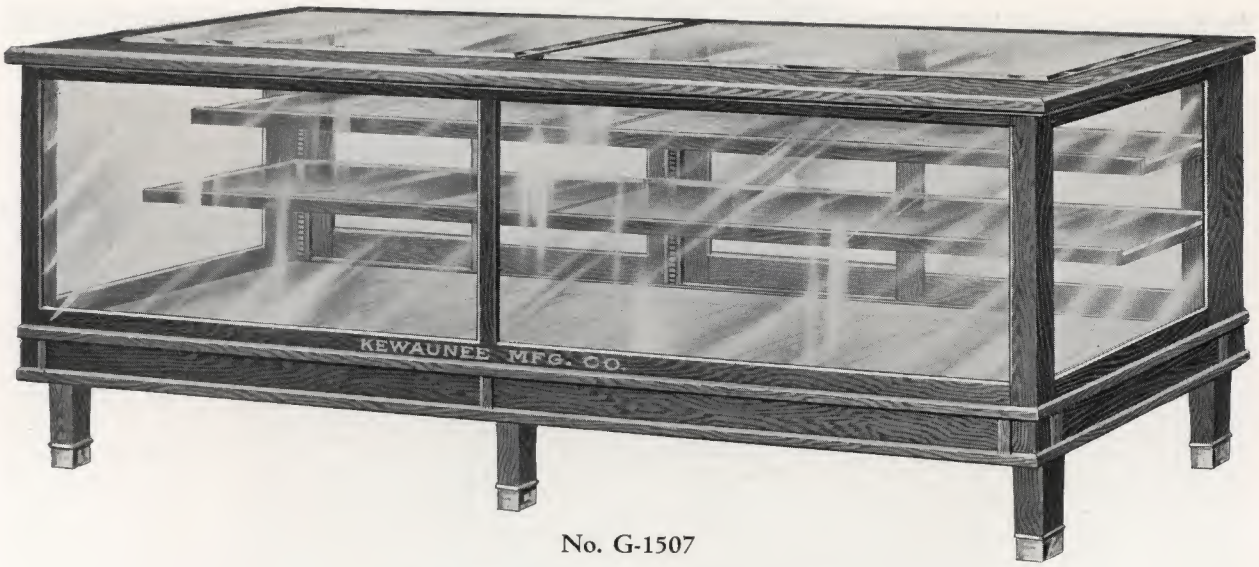
	Width	Height	Depth
Overall	67 in.	36 in.	42 in.
42 drawers	18½ in.	2¾ in.	17 in.

Construction—Exterior, selected white oak; 2 piece bevel edge polished plate glass top.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1504, 710 lbs.

No. G-1504 —Museum or Center Exhibition Case, without locking device.
No. G-1504A—Museum or Center Exhibition Case, single, 21 drawers.
No. G-1505 —Museum or Exhibition Case, with locking device.
No. G-1505A—Museum or Center Exhibition Case, single, 21 drawers.


KEWAUNEE MFG. CO.

No. G-1507

No. G-1507 DISPLAY CASE

This case has two solid oak shelves with retaining rims. The top shelf is 7½ inches wide, and the bottom shelf 11½ inches wide. The top of the case is heavy beveled plate glass.

SPECIFICATIONS

	Width	Height	Depth
Overall	8 ft.	36 in.	24 in.

Construction—Exterior, selected white oak; sliding doors, ends and front glazed with double strength glass; top, beveled edge plate glass; 2 adjustable oak shelves.

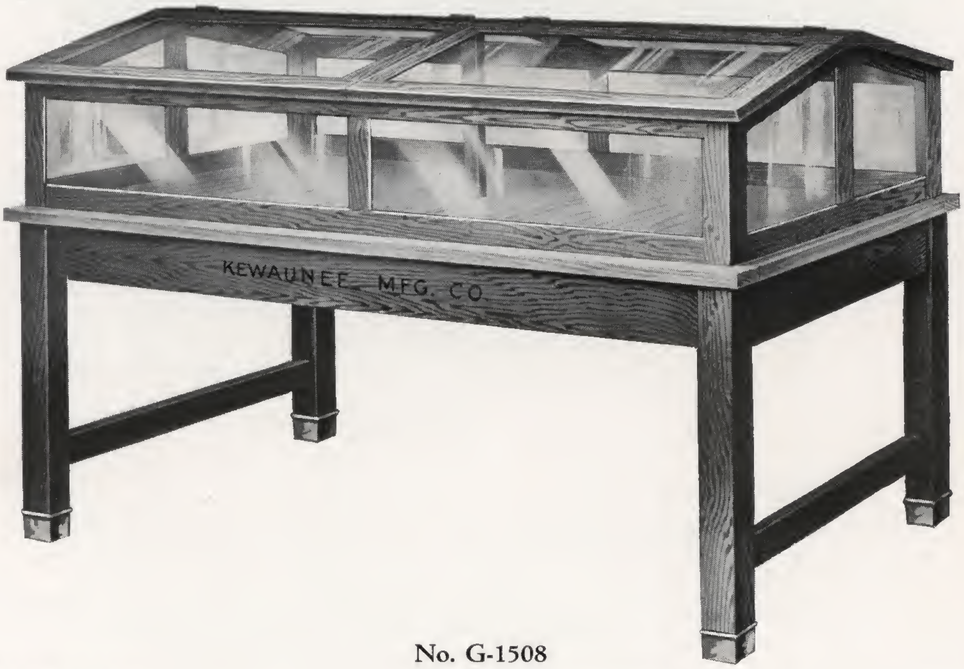
Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1507, 480 lbs.

No. G-1507—Display Case, with locks.

No. G-1508 DISPLAY CASE

This display case is enclosed with glass on all sides and top, and provides a well lighted exhibit space. Four hinged doors open on top and each door is fitted with a lock.


KEWAUNEE MFG. CO.

No. G-1508

SPECIFICATIONS

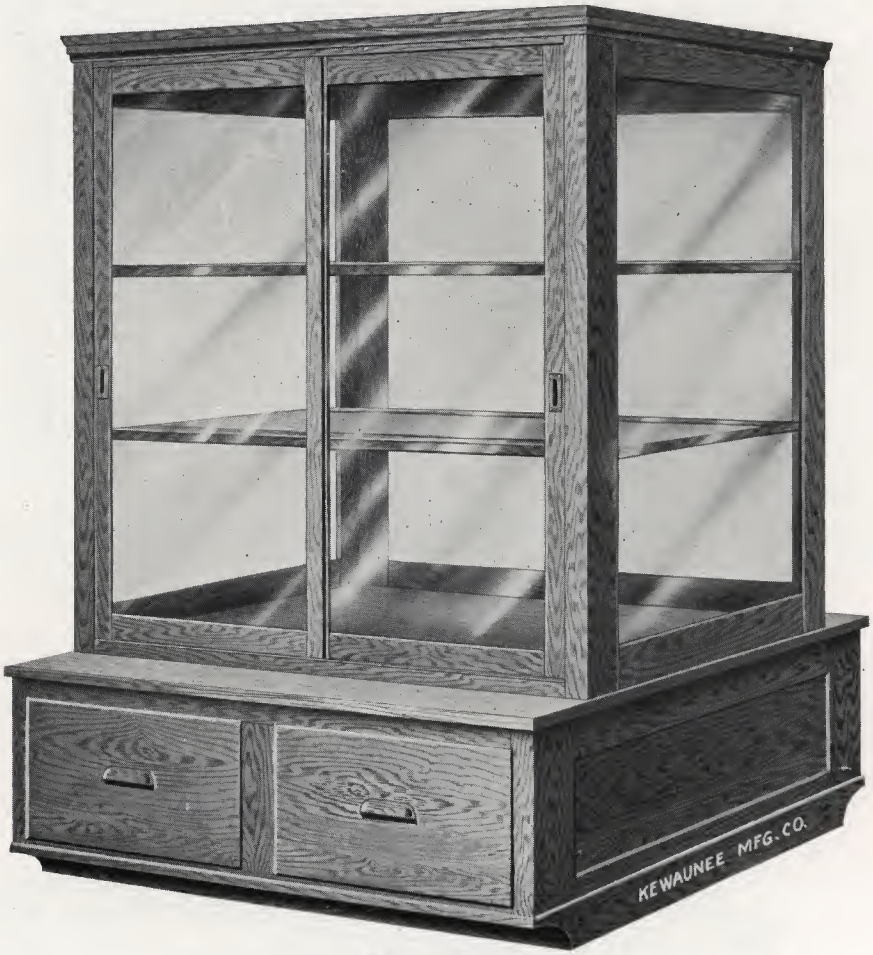
	Width	Height	Depth
Overall	69 in.	45¼ in.	39 in.
Case	66 in.	16 in.	36 in.

Construction—Exterior, selected white oak; case is glazed with double strength glass.

Finish No. 1 or No. 2 Oak.

Weight crated—No. G-1508, 400 lbs.

No. G-1508—Display Case, with locks.



No. G-1509

No. G-1509 CENTRAL APPARATUS AND DISPLAY CASE

The Central Apparatus and Display Case illustrated above is designed for use wherever center type museum or exhibition cases are required. Case has sliding doors front and back. The two full size shelves are adjustable and are solid white oak. The top section is removable and will pass through a three foot door.

SPECIFICATIONS

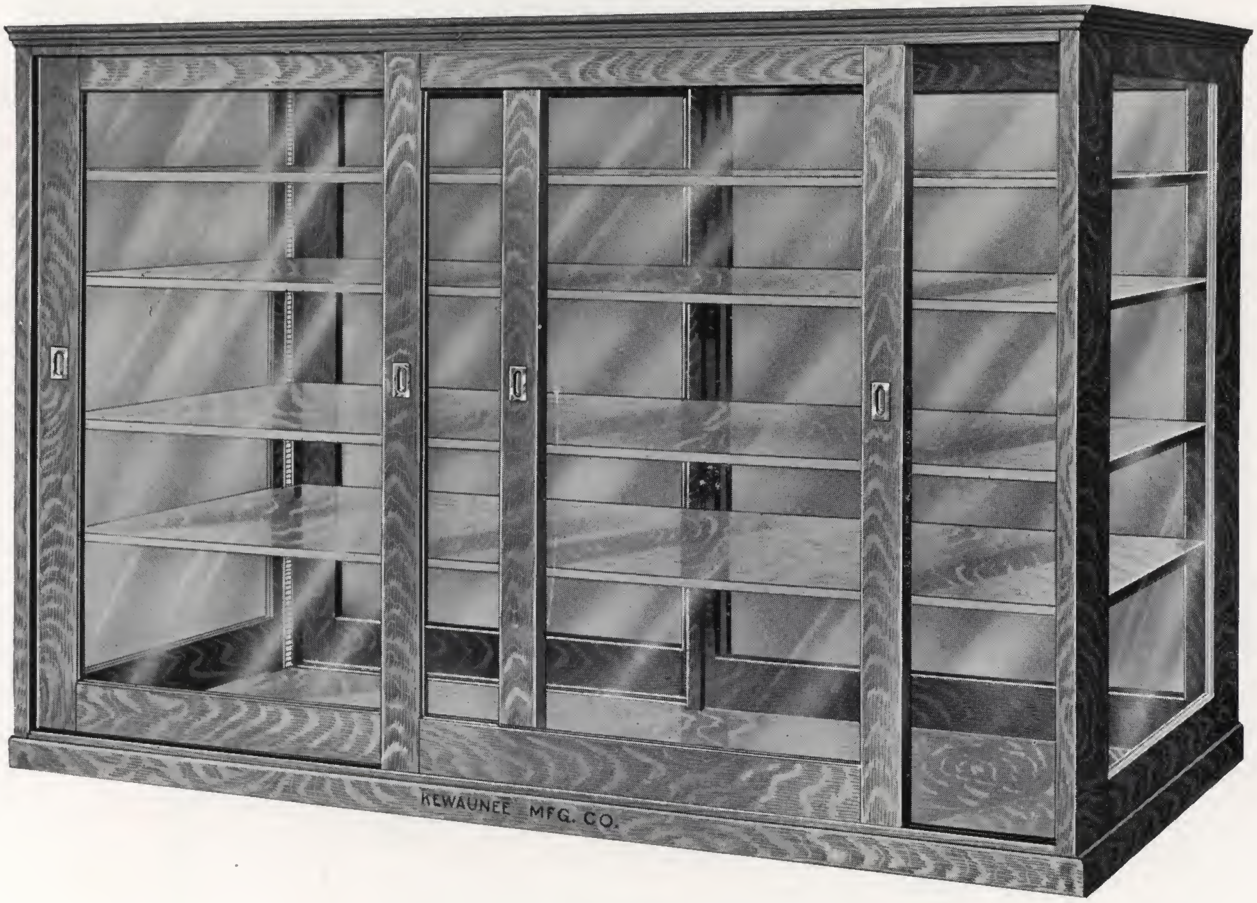
	Width	Height	Depth
Overall	50½ in.	7 ft.	46 in.
Upper section	50½ in.	67 in.	32 in.
Lower section	50½ in.	17 in.	46 in.
4 drawers	20⅝ in.	9¼ in.	19½ in.

Construction—Exterior, selected white oak; sliding doors and ends glazed with double strength glass; 2 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1509, 640 lbs.

No. G-1509—Central Apparatus and Display Case.



No. G-1511

No. G-1511 MUSEUM DISPLAY CASE

Extra large exhibit space is provided in this museum case. The four large adjustable shelves are 15¾ inches wide. Case has two sliding glass doors on both front and back, and with the glass ends an unobstructed view of the interior of the case is had from all parts of the room. Case is fully dust-proofed with heavy felt.

SPECIFICATIONS

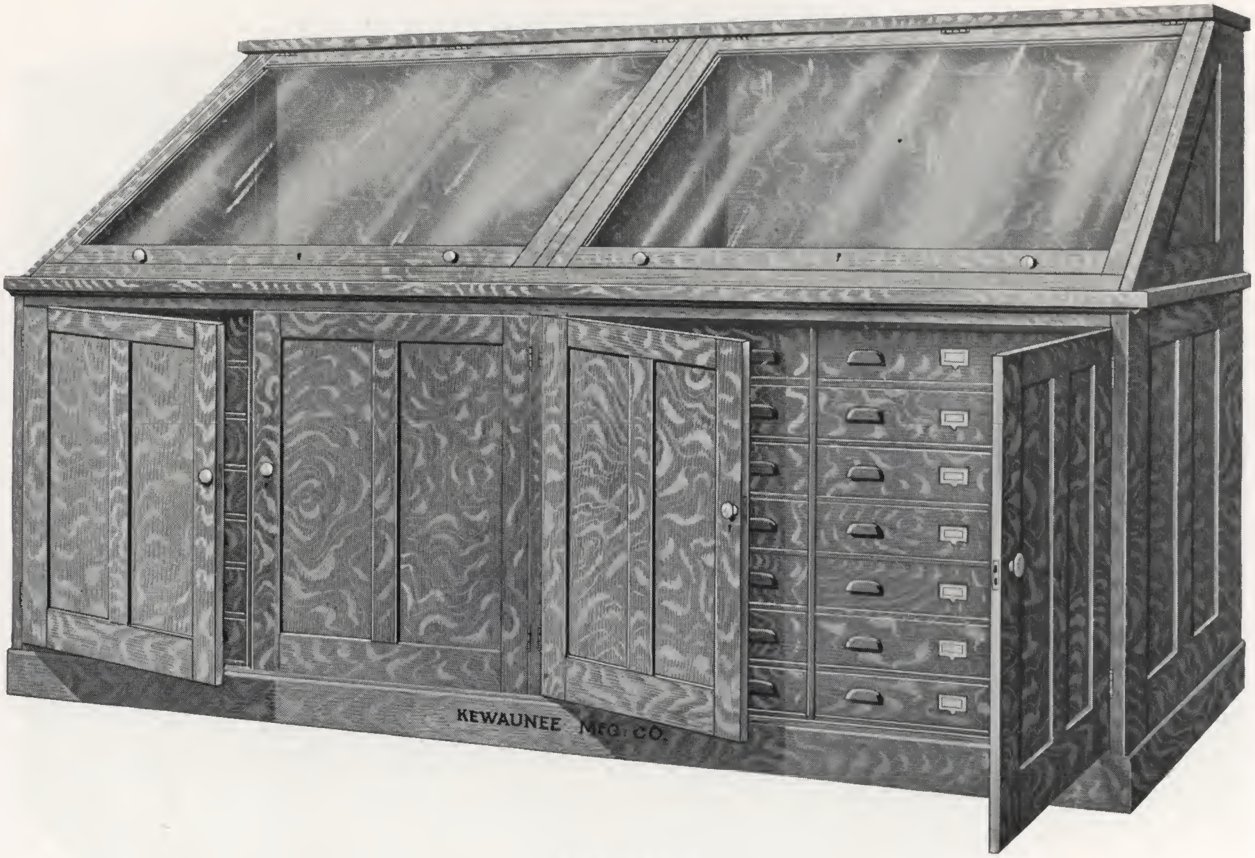
	Width	Height	Depth
Overall	8 ft.	6 ft.	24 in.

Construction—Exterior, selected quarter sawed white oak; sliding doors and ends glazed with double strength glass; 4 adjustable shelves.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1511, 780 lbs.

No. G-1511—Museum Display Case, with locks.



No. G-1513

No. G-1513 MUSEUM CASE

This very attractive quartered white oak museum case is particularly adapted to the display of geological specimens. It is made in five foot units, and so constructed that when two or more units are joined, it has the appearance of a single case. Each unit contains 14 drawers enclosed with swinging doors. The top slants from front to back and consists of a heavy plate glass lid, hinged and opening upward. Case is fully dust-proofed with heavy felt.

SPECIFICATIONS

	Width	Height	Depth
Overall	10 ft. 1 in.	6 ft. 3½ in.	32¾ in.
Upper section	10 ft. 1 in.	29 in.	32 in.
Lower section	10 ft. 1 in.	46½ in.	32¾ in.
28 drawers	25¼ in.	3¾ in.	23 in.

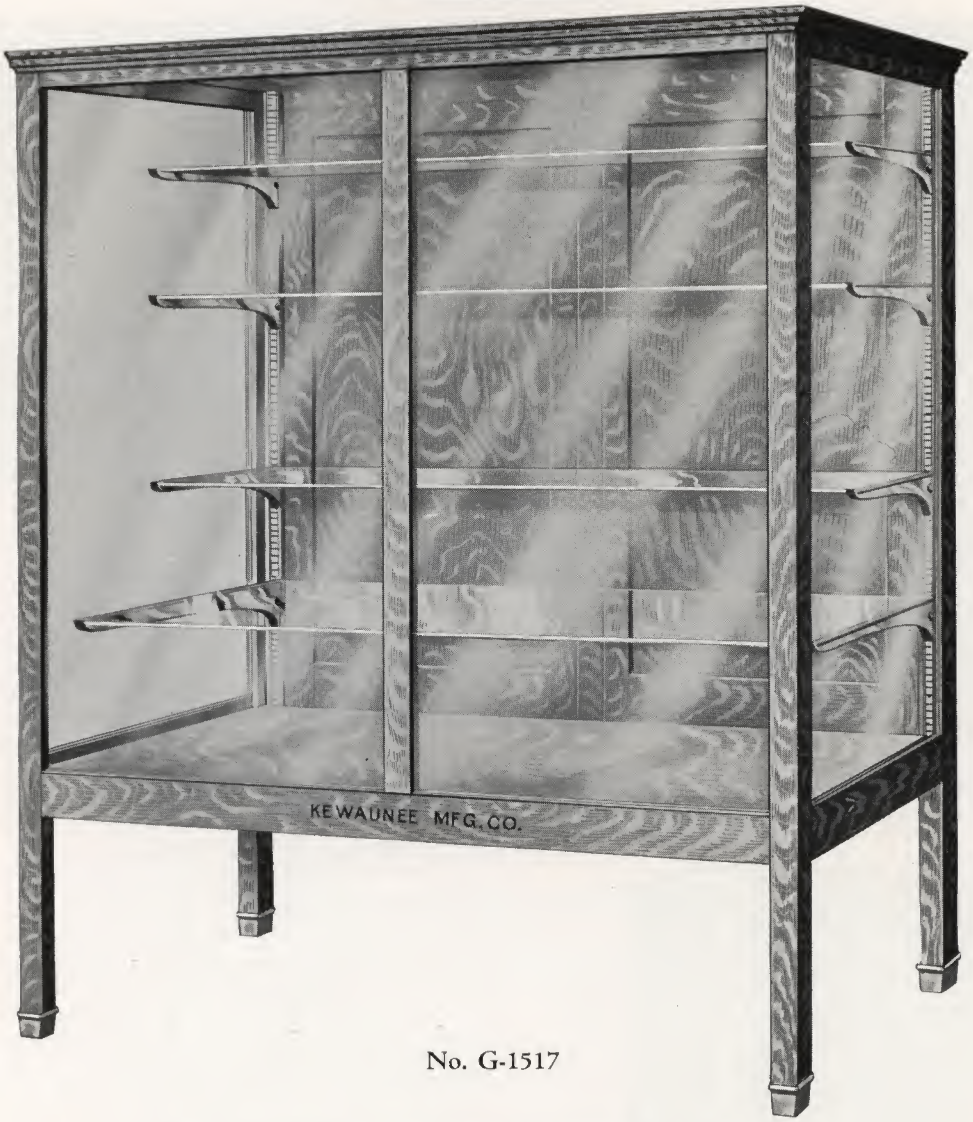
Construction—Exterior, selected quarter-sawed white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1513, 910 lbs.; No. G-1514, 510 lbs.

No. G-1513—Museum Case, 10 ft. long, locks on doors.

No. G-1514—Museum Case, 5 ft. long, locks on doors.



No. G-1517

No. G-1517 TROPHY DISPLAY CASE

This case is made of selected quarter-sawed white oak and provides an extremely attractive medium for displaying trophies of all sorts. Front and ends are of highest grade double strength glass. Paneled swinging doors on back give easy access to the interior. Four adjustable shelves of thick polished plate glass are supported on nickel plated metal standards. The three top shelves are 12 inches wide, and the lower shelf, 20 inches wide.

SPECIFICATIONS

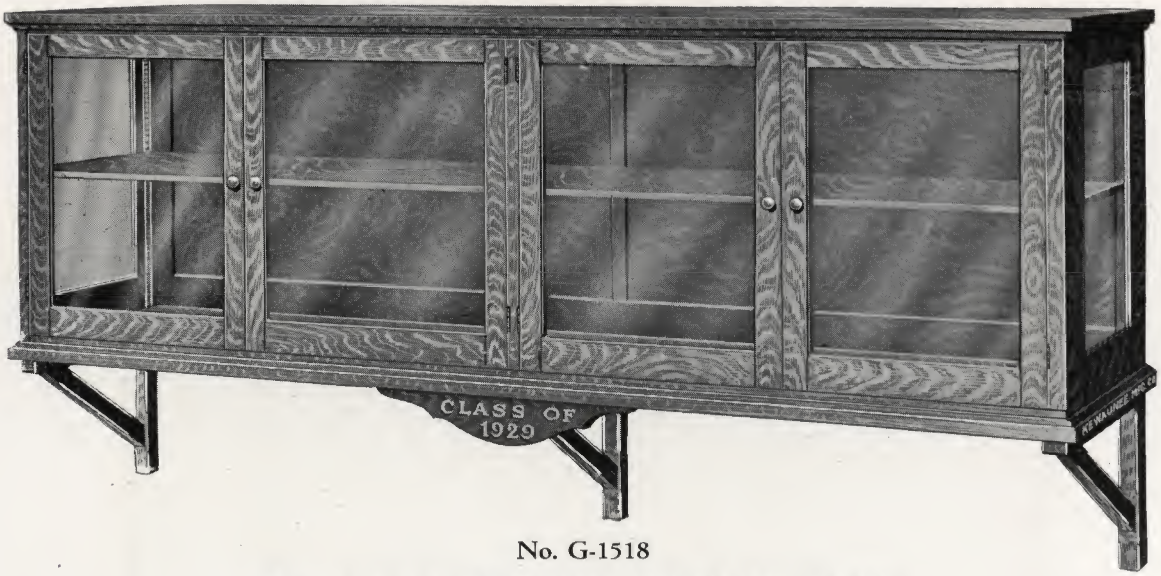
	Width	Height	Depth
Overall	5 ft.	6 ft.	25 in.

Construction—Exterior, selected quarter-sawed white oak; 4 adjustable plate glass shelves; front and ends glazed with double strength glass.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1517, 490 lbs.

No. G-1517—Trophy Display Case, with locks.



No. G-1518

No. G-1518 TROPHY DISPLAY CASE

This nine foot wall case offers a very attractive and practical medium for the display of trophies. Case is constructed of selected quarter-sawed white oak, with doors and ends of clear, double strength glass. A full size, adjustable shelf, together with the floor of the case, provides very generous display space. Three oak brackets are furnished for attaching case to the wall. Graduating classes in high schools will find this trophy case a very beautiful gift to leave to the school, and a great many of these very attractive trophy cases are purchased as gifts by graduating classes or other clubs who desire to present a beautiful as well as serviceable gift. The name of the class or any other lettering desired can be provided as shown in the illustration above.

SPECIFICATIONS

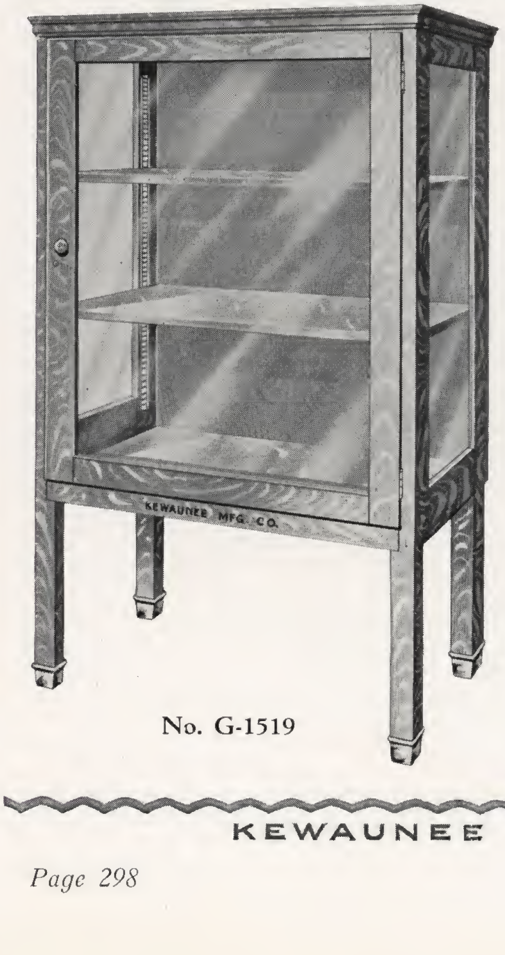
	Width	Height	Depth
Overall	9 ft.	36 in.	16 in.

Construction—Exterior, selected quarter-sawed white oak; swinging doors and ends glazed with double strength glass; 1 adjustable oak shelf.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1518, 390 lbs.

No. G-1518—Trophy Display Case, with locks.



No. G-1519

No. G-1519 TROPHY DISPLAY CASE

The Trophy Display Case illustrated herewith is a very beautiful piece of quarter-sawed white oak cabinet work, and is very economical. A case of this size and design will meet the needs of a great many of the smaller secondary schools, and this design has proven itself an extremely popular one. Fraternities and other societies and club organizations find this Trophy Case very well suited for displaying organization trophies and other material in their houses and club rooms.

SPECIFICATIONS

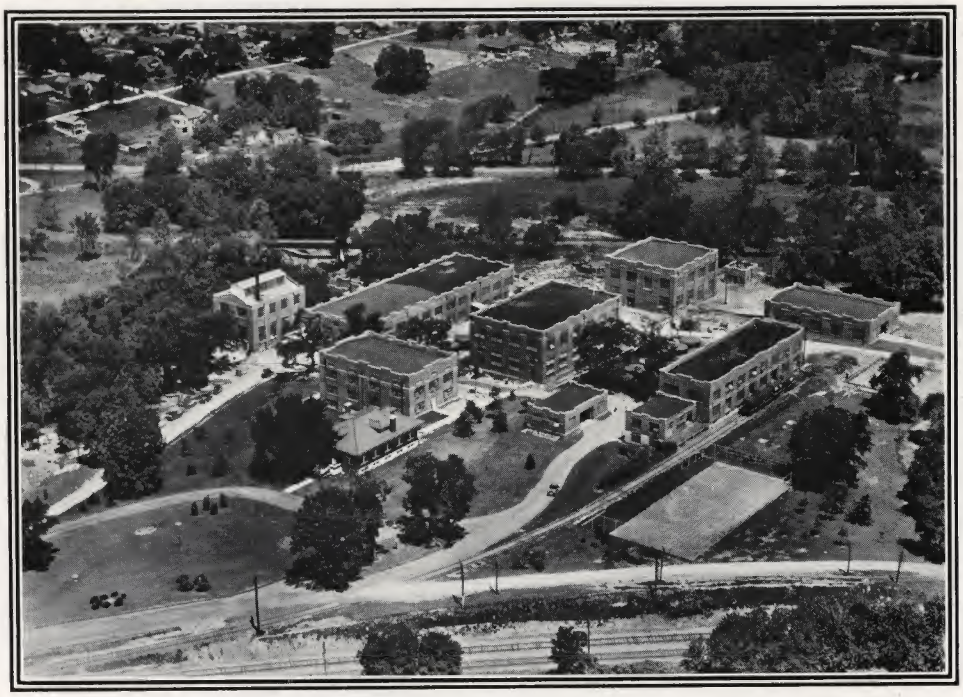
	Width	Height	Depth
Overall	42 in.	6 ft.	15 in.

Construction—Exterior, selected quarter-sawed white oak; swinging door and ends glazed with double strength glass; 2 adjustable shelves; 21 inch sanitary base.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. G-1519, 290 lbs.

No. G-1519—Trophy Display Case.



Plant of the Wm. S. Barnickle Company, Webster Grove, Mo.
Many thousands of dollars' worth of Kewaunee Laboratory Equipment is installed in the very complete and modern laboratories of this company.

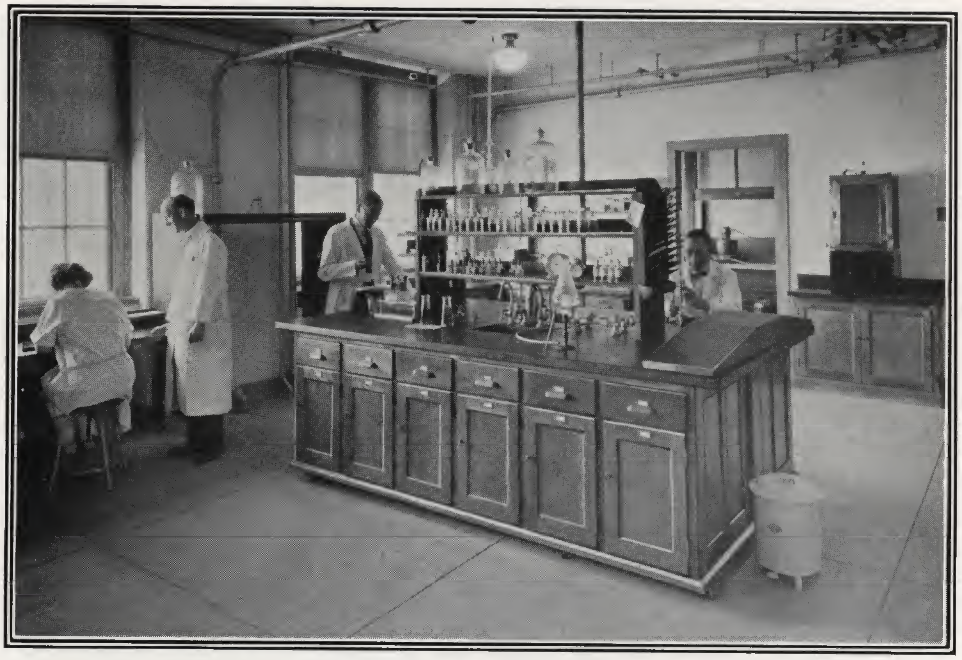
INDUSTRIAL LABORATORY EQUIPMENT

Progressive manufacturers and producers, in practically every branch of industry, are operating laboratories for controlling manufacturing and producing processes. Laboratory testing of materials and products has become a necessity, and as a result, some of the most complete and attractive laboratories in America today are to be found in the industrial field.

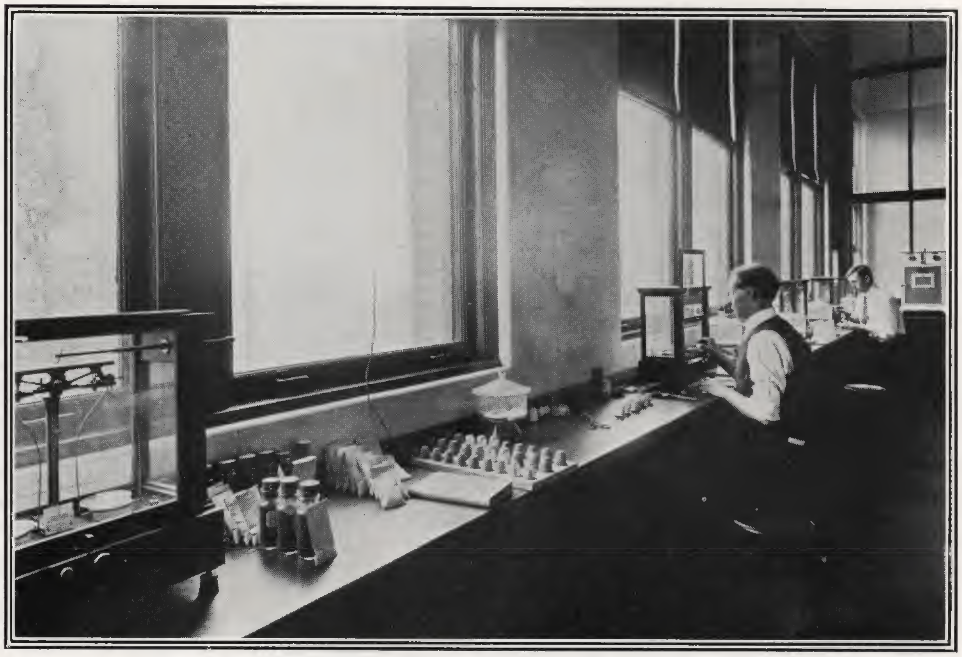
Chemists cannot do their best work, nor can they work as efficiently, if makeshift furniture and equipment, lacking convenience and utility, is provided for their use. The larger industrial operators have realized this need of good equipment, conveniently arranged, and as a result, a great many of the leading industrial concerns in America have completely equipped their laboratories with Kewaunee Laboratory Furniture.

The proper planning and arrangement of the industrial laboratory is an extremely important problem, and the Kewaunee organization can offer very helpful service to chief chemists and other industrial executives who are planning new laboratories, or the re-equipment, or re-enlargement of present laboratories.

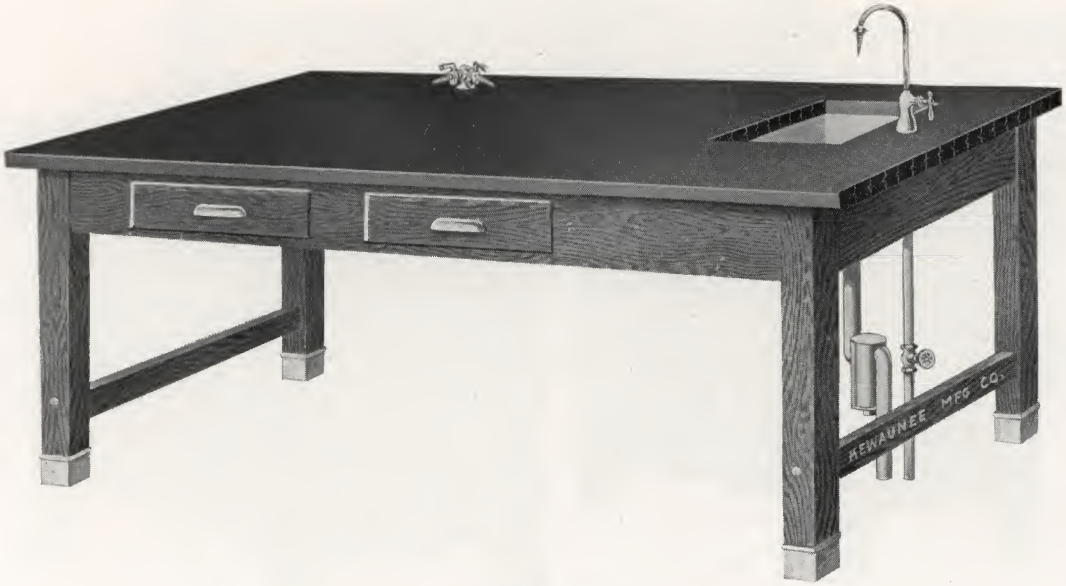
There is a wide variation in the types of equipment used in industrial laboratories, because of the wide difference in the work the laboratory is called upon to do, and for this reason we recommend that science furniture illustrated in other sections of this book, be referred to before equipment is selected.



INDUSTRIAL RESEARCH LABORATORY
RADIUM CO. OF COLORADO
DENVER, COLO.



INDUSTRIAL STEEL TESTING LABORATORY
YOUNGSTOWN STEEL TUBE CO.
YOUNGSTOWN, OHIO



No. H-1520

No. H-1520 CHEMICAL WORK TABLE

This Chemical Work Table can be conveniently used in practically any industrial laboratory. Two drawers are provided for the storage of papers or instruments, and the plumbing facilities supplied include a double gas hose cock, stone sink, and single cold water pantry cock. The table is furnished with carbonized black acid resisting finished birch table top, or with soapstone table top, as desired.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	30 in.	30 in.	
2 drawers		14½ in.	2¾ in.	20¾ in.
1 stone sink	14¼ in.	10 in.		5½ in.

Construction—Body, solid selected white oak; top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

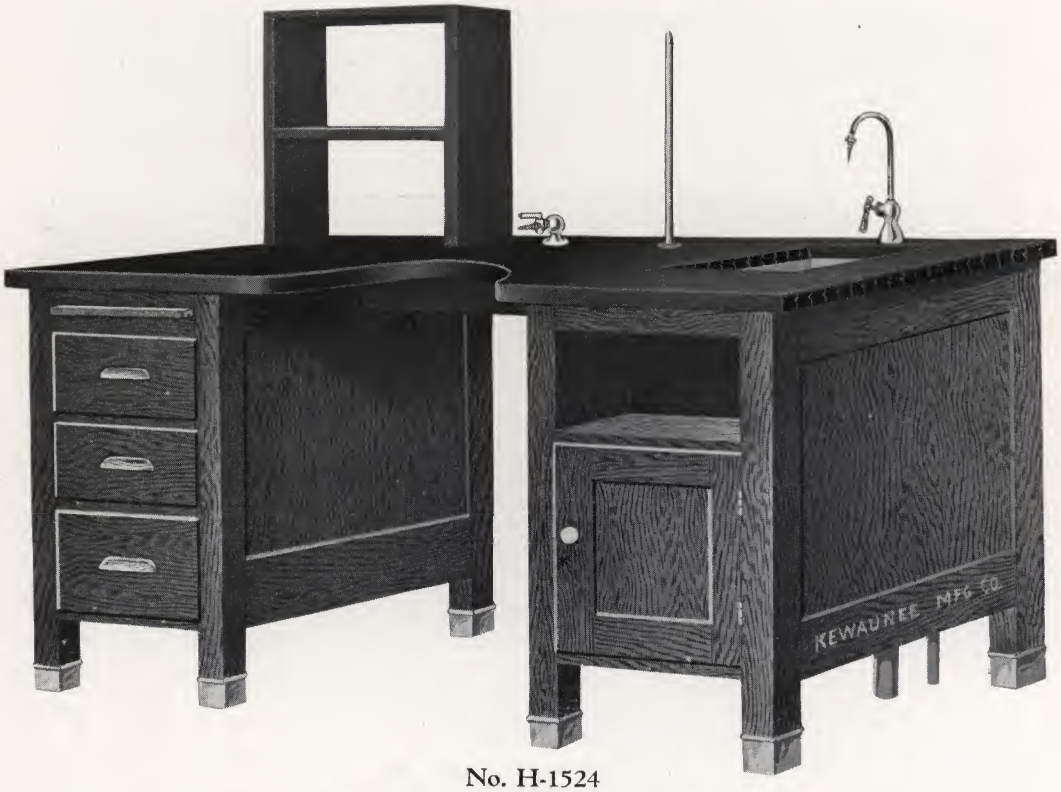
Finish—No. 1 or No. 2 Oak; top, black acid resisting finish.

Fixtures—1 double long spout gas cock; 1 single cold water pantry cock; piping complete to floor line.

Weight crated—No. H-1520, 310 lbs.; No. H-1521, 415 lbs.

No. H-1520—Chemical Work Table, wood top, no locks.

No. H-1521—Chemical Work Table, stone top, no locks.



No. H-1524

No. H-1524 PRIVATE LABORATORY TABLE

Compactness, convenience and range of service are features of this table that make it adaptable for hospital and industrial laboratory use. A birch top finished with a carbonized black acid resisting finish is provided, and this top is curved over the recess to allow the person using the table very convenient access to all parts of the top. Water is provided to the stone sink through a single cold water pantry cock, and one removable burette rod and one single gas hose cock are provided. The double shelf reagent rack provides storage for reagent bottles frequently used, and this rack is supplemented by use of a reagent recess over the right hand cupboard pedestal. Three drawers and a writing tablet are provided in the left hand pedestal.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5½ ft.	30 in.	32 in.	
2 drawers		12 in.	4¾ in.	21¾ in.
1 drawer		12 in.	7⅛ in.	21¾ in.
Open shelf		13½ in.	6⅞ in.	4 in.
Cupboard		13½ in.	14¼ in.	24½ in.
Double shelf		24 in.	19 in.	6 in.
1 stone sink	14¼ in.	10 in.		5½ in.

Construction—Body, selected white oak; top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

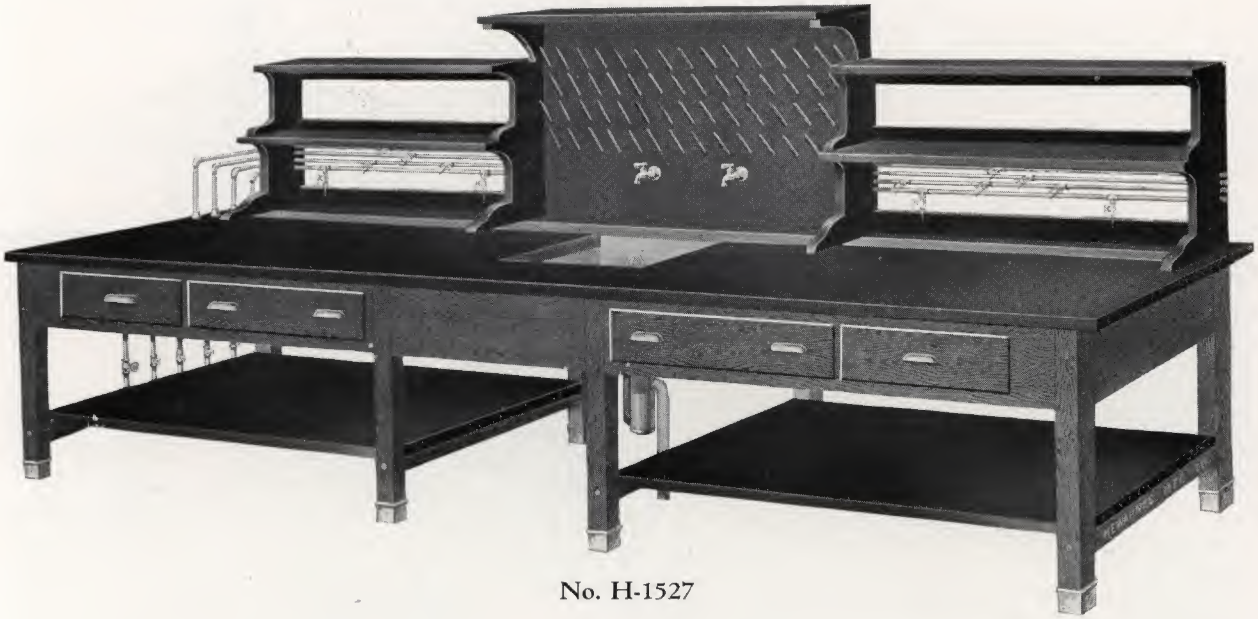
Finish—Body, No. 1 or No. 2 Oak; top and reagent rack, black acid resisting finish.

Fixtures—1 single long spout gas cock; 1 single cold water pantry cock; 1 burette rod; piping complete to floor line.

Weight crated—No. H-1524, 455 lbs.; No. H-1525, 455 lbs.

No. H-1524—Private Laboratory Table, without locks.

No. H-1525—Private Laboratory Table, locks on all drawers and cupboard.



No. H-1527

No. H-1527 INDUSTRIAL LABORATORY TABLE

This table provides those two features most necessary to the industrial or research chemist—**adequate plumbing facilities and a large working surface.** Gas, water, compressed air and vacuum outlets are provided at convenient points on the table and a large stone sink provides facilities for drainage and for washing apparatus. The large peg board directly above the stone sink is a great convenience in drying test tubes and other laboratory glassware, and the double reagent rack provided at both sides of the peg board will provide space for all those chemicals and reagents most commonly used. A continuous lead trough runs from one end of the table to the other and provides very convenient drainage facilities the whole length of the table. Two heavy 1⅝ in. thick shelves of birch, finished black acid resisting, are provided underneath the table for storing large heavy apparatus and supplies, and two very large and two medium size drawers in the rail provide drawer storage.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	14 ft. 9 in.	30 in.	36 in.	
2 drawers		21½ in.	6⅜ in.	13¾ in.
2 drawers		31½ in.	6⅜ in.	13¾ in.
Peg board	5 ft.		36 in.	
1 stone sink	24 in.	23¼ in.		12 in.

Construction—Body, solid selected white oak; top and shelves constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness; lead lined trough.

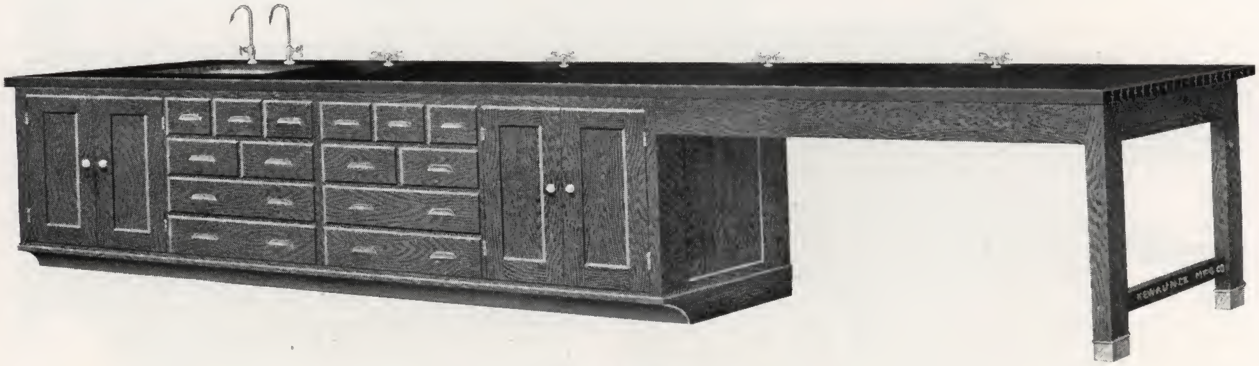
Finish—Body, No. 1 or No. 2 Oak; top, peg board, reagent shelves and shelves, black acid resisting finish.

Fixtures—4 straightway water cocks; 1 cold water tray bibb; 1 hot water tray bibb; 4 single long spout gas cocks; 2 single long spout air cocks; 2 single long spout vacuum cocks; piping complete to floor line.

Weight crated—No. H-1527, 1540 lbs.; No. H-1528, 1785 lbs.

No. H-1527—Industrial Laboratory Table, wood top, no locks.

No. H-1528—Industrial Laboratory Table, stone top, no locks.



No. H-1530

No. H-1530 INDUSTRIAL LABORATORY TABLE

Designed and constructed to stand the strain of constant hard usage, this chemical laboratory table is perfectly suited to the requirements of commercial laboratories.

Eleven linear feet of various size drawers and cupboards will house the stocks of chemicals and the apparatus, carboys of acids being stored in the cupboards.

The top is finished black acid resisting and is equipped for gas and water.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	16 ft.	27 in.	36 in.	
6 drawers		7¾ in.	5¾ in	19¼ in.
4 drawers		12¾ in.	5¾ in.	19¼ in.
4 drawers		27¾ in.	5¾ in.	19¼ in.
2 cupboards		29¼ in.	28½ in.	22¼ in.
Soapstone sink	22 in.	14 in.		6 in.

Construction—Body, selected white oak; top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

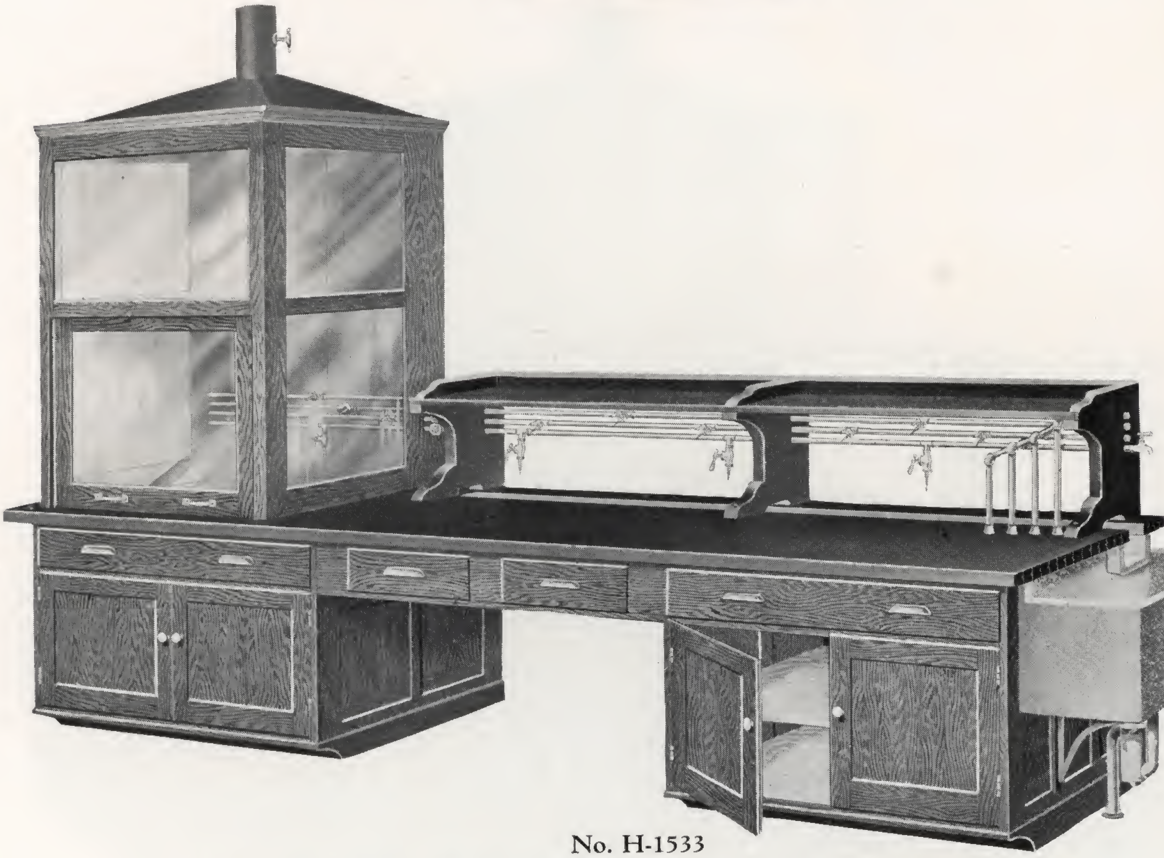
Finish—Body, No. 1 or No. 2 Oak; top, black acid resisting finish.

Fixtures—4 double long spout gas cocks; 2 single pantry cocks for hot and cold water; piping complete to floor line.

Weight crated—No. H-1530, 1020 lbs.; No. H-1531, 1300 lbs.

No. H-1530—Industrial Laboratory Table, wood top, no locks.

No. H-1531—Industrial Laboratory Table, stone top, no locks.



No. H-1533

No. H-1533 INDUSTRIAL LABORATORY TABLE AND HOOD

A Wall Form Chemical Laboratory Table fully equipped with gas and water and with complete built-in fume hood. Fume Hood has double strength glass front and sides, the bottom front sash sliding upward. It is 5 ft. 1 in. high by 3 ft. wide by 2 ft. deep. Canopy and vent are of iron, lead coated and painted with black asphaltum.

Two large and two small drawers, two commodious cupboards with shelf, together with the reagent rack, furnishes generous storage space. The top is finished in carbonized wood or stone as desired. A lead lined trough serves the entire length of the top and drains into the soapstone sink at the right end of the table.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	12 ft.	27 in.	36 in.	
2 drawers		40¾ in.	5¼ in.	13 in.
2 drawers		15½ in.	5¼ in.	13 in.
2 cupboards		42¼ in.	22 in.	22¼ in.
1 stone sink	20 in.	12 in.		12 in.
Hood	36 in.	24 in.	61 in.	

Construction—Body, selected white oak; top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness; lead lined trough; front and sides of hood glazed with double strength glass.

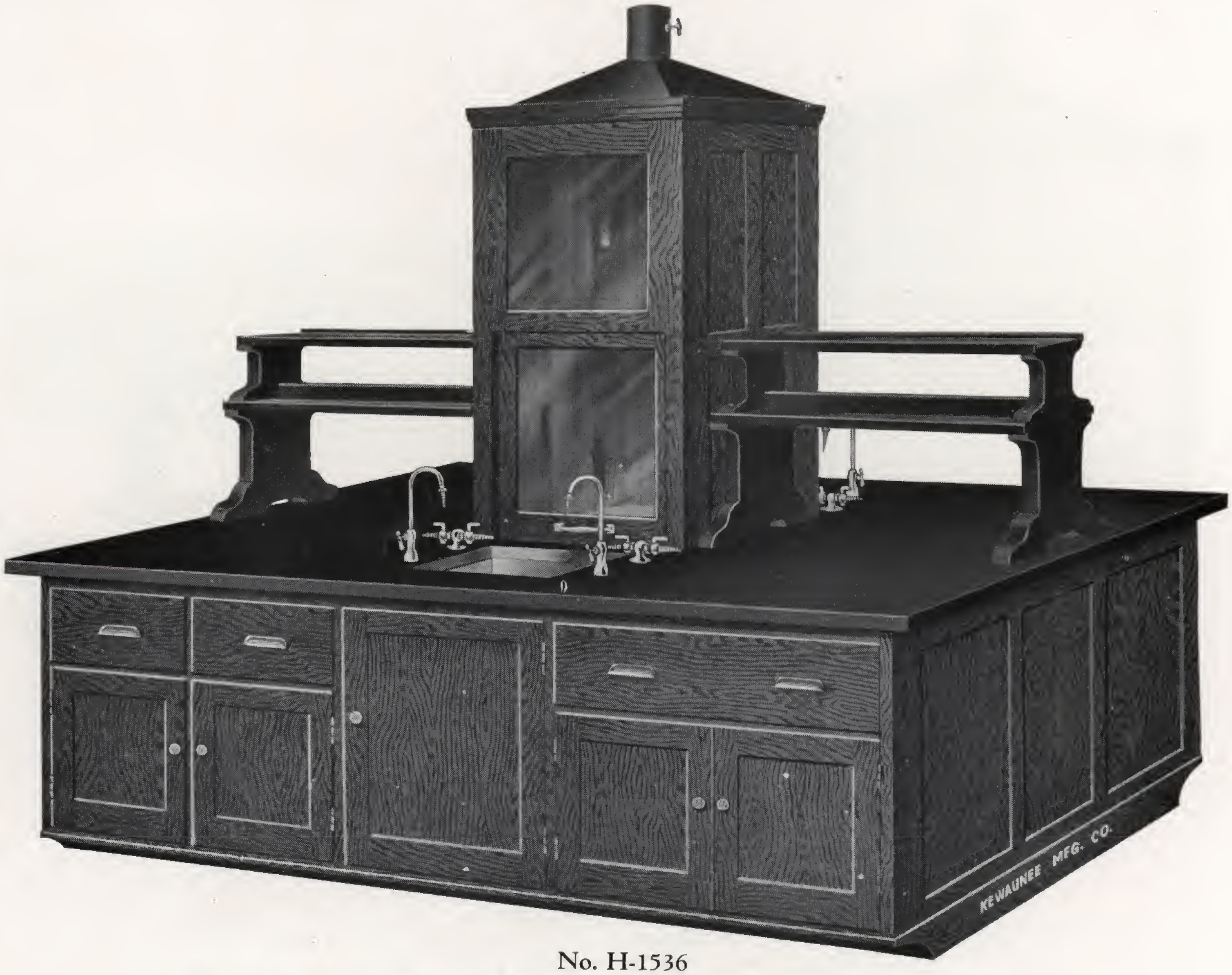
Finish—Body, No. 1 or No. 2 Oak; top and reagent rack, black acid resisting finish.

Fixtures—6 single gas cocks; 4 straightway water cocks; 1 tray bibb; 3 single vacuum cocks; 3 single air cocks; piping complete to floor line.

Weight crated—No. H-1533, 1460 lbs.; No. H-1534, 1660 lbs.

No. H-1533—Industrial Laboratory Table and Hood, wood top, no locks.

No. H-1534—Industrial Laboratory Table and Hood, stone top, no locks.



No. H-1536

No. H-1536 INDUSTRIAL LABORATORY TABLE AND HOOD

In this chemical laboratory table with built-in fume hood we have provided accommodations for four persons working at the same time. The double fume hood is 24 inches wide by 20 inches deep and 50 inches high, with D. S. A. glass doors and paneled sides. Vent in top is lead coated iron, painted with black asphaltum. The top of the table is finished black acid resisting and has two double reagent racks. Two stone sinks, with water and gas conveniently placed, are set in the top at opposite entrances to the fume hood. Generous drawer and cupboard space is provided as shown in the above illustration.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	8 ft.	54 in.	36 in.	
2 drawers ..		31¼ in.	7¾ in.	21¼ in.
4 drawers ..		14½ in.	7¾ in.	21¼ in.
2 center cupboards		21¾ in.	28⅝ in.	48 in.
2 double cupboards		32⅞ in.	19¼ in.	23½ in.
4 single cupboards		16 in.	19¼ in.	23½ in.
2 stone sinks	14¼ in.	10 in.		5½ in.
Fume hood ..	24 in.	20 in.	50 in.	

Construction—Body, selected white oak; top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness; hood glazed on both sides with double strength glass.

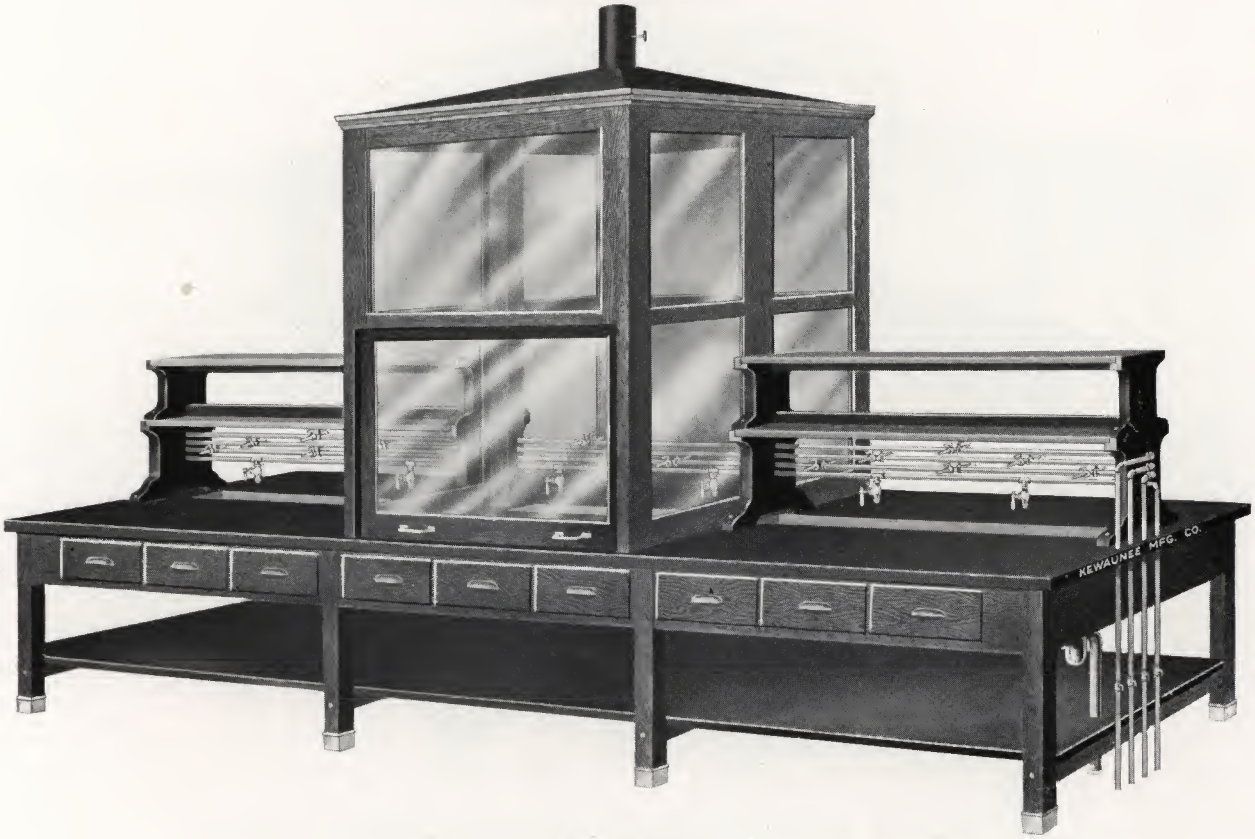
Finish—Body, No. 1 or No. 2 Oak; top and reagent shelves, black acid resisting finish.

Fixtures—4 single cold water pantry cocks; 4 double short spout gas cocks, piping complete to floor line.

Weight crated—No. H-1536, 1,320 lbs.; No. H-1537, 1,570 lbs.

No. H-1536—Industrial Laboratory Table and Hood, wood top, no locks.

No. H-1537—Industrial Laboratory Table and Hood, stone top, no locks.


KEWAUNEE MFG. CO.

No. H-1539

No. H-1539 INDUSTRIAL LABORATORY TABLE WITH HOOD

This table is equipped with overhead plumbing and a lead lined trough providing a top with unobstructed working surfaces. The large glass, built-in hood together with complete water, gas and air equipment, and the table's general utility, recommends its use where a table of very large capacity is desired. Eighteen drawers, double reagent rack and large heavy lower shelf provide the necessary storage space. Top is finished black acid resisting.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	14 ft. 9 in.	48 in.	36 in.	
18 drawers		14 in.	6¼ in.	14 in.
Hood	48 in.	44 in.	61 in.	

Construction—Body, selected white oak; top and shelf constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness; lead lined trough; Hood glazed with double strength glass.

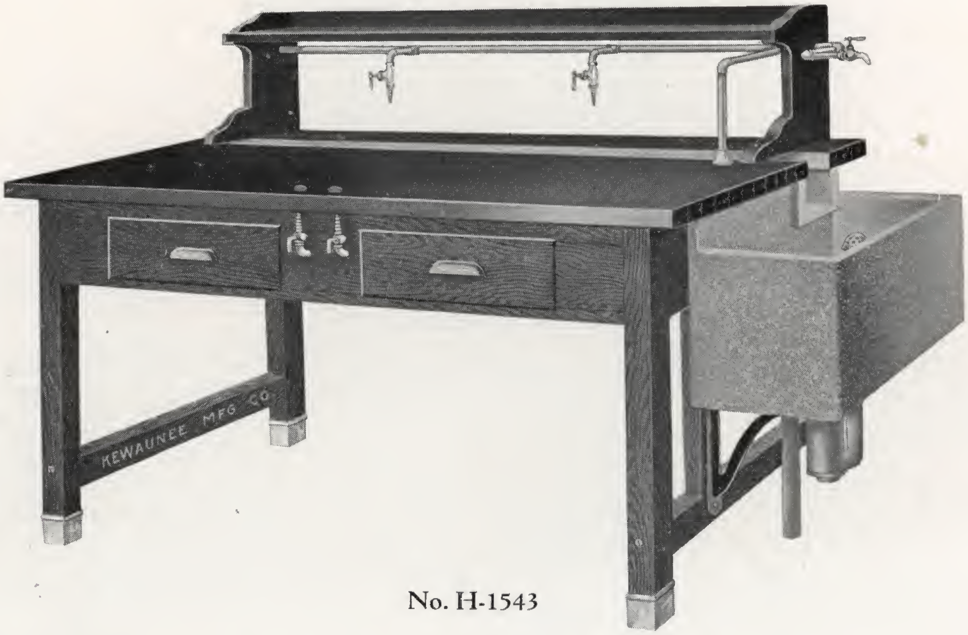
Finish—Body, No. 1 or No. 2 Oak; top, bottle shelves and shelf, black acid resisting finish.

Fixtures—6 straightway water cocks; 7 double long spout gas cocks; 3 double vacuum cocks; 3 double air cocks; piping complete to floor line.

Weight crated—No. H-1539, 1,980 lbs.; No. H-1540, 2,400 lbs.

No. H-1539—Industrial Laboratory Table with Hood, wood top, no locks.

No. H-1540—Industrial Laboratory Table with Hood, stone top, no locks.



No. H-1543

No. H-1543 INDUSTRIAL LABORATORY TABLE

Because of its diversity of uses, this wall form table is a valuable adjunct to all industrial laboratories. It has a full length, lead lined trough draining into a soapstone sink attached to the right end of the table, and is fully equipped for water and gas. Reagent rack and two drawers provide space for storing bottles, apparatus and other articles of general use. Top is finished black acid resisting.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	27 in.	36 in.	
2 drawers		18½ in.	5¼ in.	12½ in.
1 stone sink	20 in.	12 in.		12 in.

Construction—Body, selected white oak; top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness; lead lined trough.

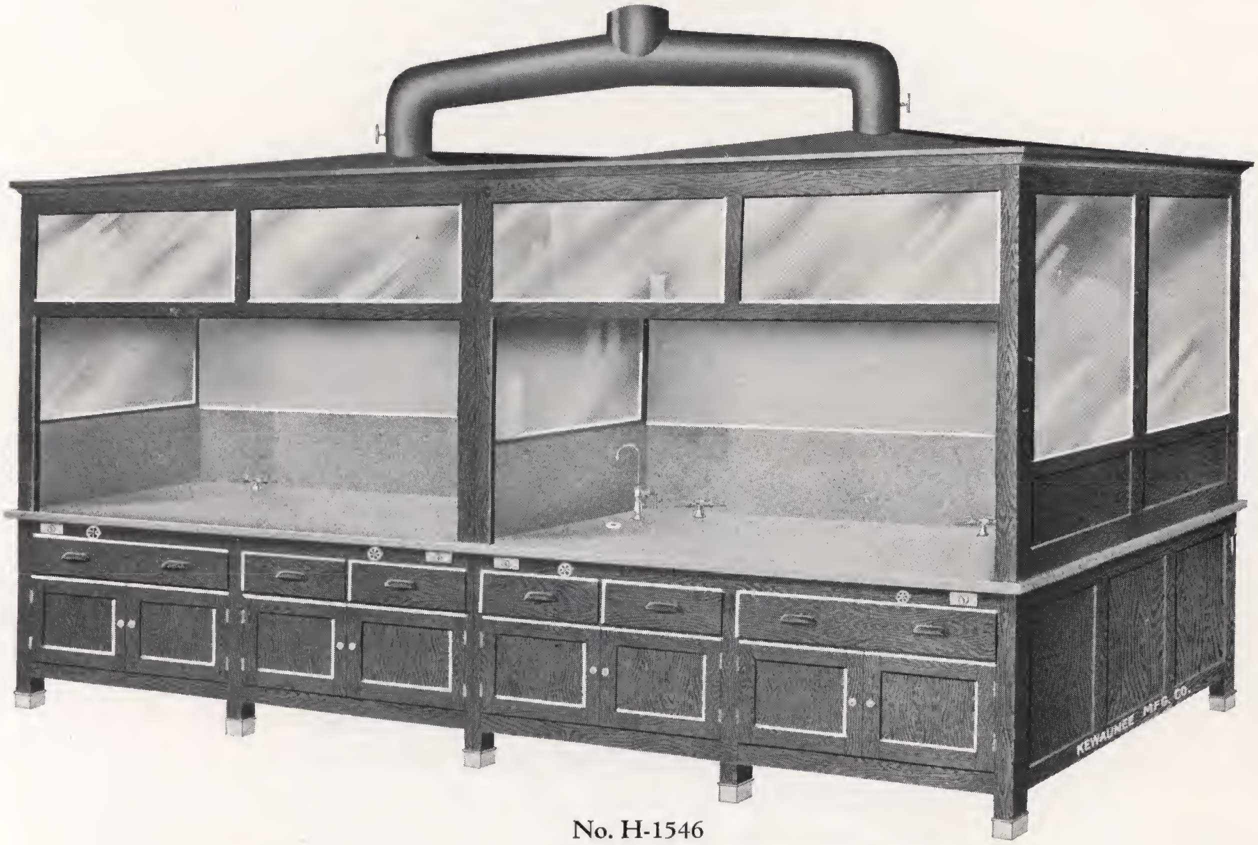
Finish—Body, No. 1 or No. 2 Oak; top and reagent rack, black acid resisting finish.

Fixtures—2 straightway water cocks; 1 tray bibb; 2 single gas cocks; piping complete to floor line.

Weight crated—No. H-1543, 640 lbs.; No. H-1544, 745 lbs.

No. H-1543—Industrial Laboratory Table, wood top, no locks.

No. H-1544—Industrial Laboratory Table, stone top, no locks.



No. H-1546

No. H-1546 INDUSTRIAL FUME HOOD

In certain types of Industrial Laboratories, evaporations and other routine operations that produce fumes are carried on continuously. This hood is so designed that the working surface of the fume hood can be used as a Chemistry Table, and four very large fume compartments are provided. Large and highly detailed apparatus set ups can be made within the hood compartments. One-quarter inch transite asbestos 15 inches high is provided around the ends, back and center partition, and the center partition, ends and front top sash of hood are heavy wire plate glass. A lead drain plug is set into the top of the hood in each compartment and water is supplied for this drain through a single pantry cock. Two double gas cocks are provided in each compartment and are controlled with remote control wheel handle shut off valves, which are mounted in the rail of the hood underneath the overhang of the counter as shown. Eight AC electrical outlets are also provided in the rail as shown. Four large and eight small drawers and eight large double cupboards provide storage space.

SPECIFICATIONS

	Width	Height	Depth
Overall	16 ft.	8 ft.	5 ft.
Hood	16 ft.	5 ft.	5 ft.
Lower section	16 ft.	36 in.	5 ft.
8 drawers	20⅛ in.	5¼ in.	20 in.
4 drawers	42⅝ in.	5¼ in.	20 in.
8 double cupboards	44⅛ in.	15 in.	26 in.

Construction—Exterior, selected white oak. Top, 1¼ inch stone. Back and ends of each working space are lined to a height of 15 inches from stone top with asbestos. Hood canopy lead coated sheet iron, painted with black asphaltum paint. Center partition, ends and sides, top sash, heavy wire plate glass.

Finish—No. 1 or No. 2 Oak.

Fixtures—8 double short spout gas cocks are controlled by remote control wheel handles; 4 single cold water pantry cocks; 4 lead cup drains; 8 Hubbell polarized receptacles, with rigid conduit and piping to floor line.

Weight crated—No. H-1546, 4,720 lbs.

No. H-1546—Double Industrial Fume Hood, no locks.

ELECTRICAL LABORATORY FURNITURE

The equipment shown on the following pages is designed for use in the Electrical Laboratories in the larger schools. The items shown were developed to meet requirements for furniture used in teaching Theoretical Electricity, including the principles of Telephony, Telegraphy, Radio, Telephotography, Television and similar electrical theories and principles of interest in everyday life.

Where equipment is desired for use in electrical shops in Vocational Schools, where the mechanics of practical electricity, such as motor winding and repairing, house wiring, power transmission, and similar subjects are taught, the equipment used principally, consists of heavy shop benches and special testing panels.

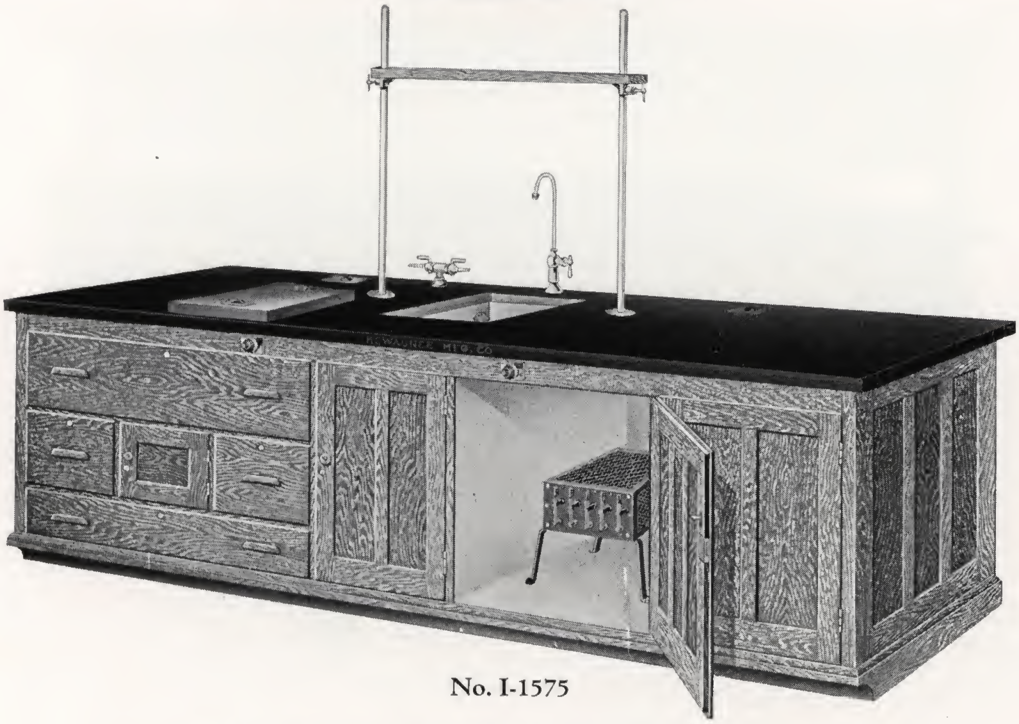
We will be glad to submit suggestive designs of furniture and testing panels and switchboards for use in this department, upon request.

OKMULGEE HIGH SCHOOL
Okmulgee, Oklahoma

I consider Kewaunee Laboratory Furniture the best that I have ever seen. It is superior in construction and only one grade of product can be purchased from your factory.

Yours truly,

W. H. BARTON.



No. I-1575

No. I-1575 INSTRUCTOR'S TABLE

This table was designed to provide the instructor with facilities for electrical demonstrations. There are two ¾ inch conduits terminating with outlet boxes in the top of the table. These may be used for demonstration in telephony and telegraphy and for similar experiments. Two flush sockets and two nickel plated rods, 100 cm. long, have adjustable wooden crossbar. Thus electrical apparatus used in making demonstrations in mechanics may be elevated or lowered at will.

All necessary accessories are furnished with the fixtures, except the wiring. The four drawers and small cupboard space provide ample storage space for all apparatus not exceeding a height of ten inches. The eighteen inch and the 21½ inch cupboards are large enough to store glassware and electrical apparatus used in demonstrations. The soapstone sink is equipped with standing overflow plug permitting the filling of the sink and providing for grounding experiments, battery charging, etc. Center cupboard contains a rheostat for regulating 110 volt current from 15 amperes down to 5/10 amperes. Steel vise plate is provided near right end at front of top.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	10 ft.	30 in.	36 in.	
1 cupboard		18½ in.	27⅛ in.	23 in.
1 cupboard		26 in.	27⅛ in.	23 in.
1 cupboard		21 in.	27⅛ in.	23 in.
1 cupboard		13½ in.	9½ in.	23 in.
1 drawer		40¾ in.	9 in.	18¾ in.
2 drawers ..		12 in.	9 in.	18¾ in.
1 drawer		40¾ in.	4¾ in.	18¾ in.
1 stone sink	15½ in.	15½ in.		8 in.

Construction—Body, built of selected white oak. Top, constructed of narrow birch strips, matched, glued and dressed to 1⅝ inch thickness.

Finish—Body, No. 1 or No. 2 Oak. Top, black acid resisting finish.

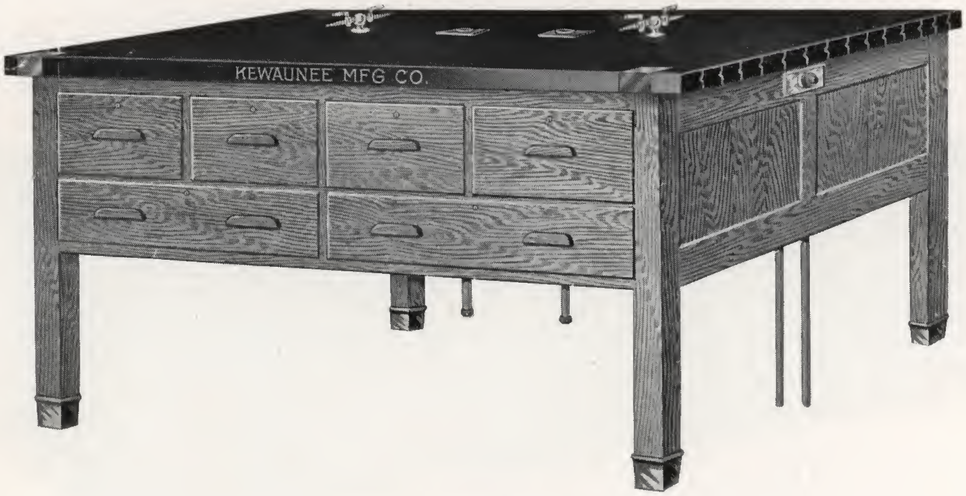
Electricity—Two Hubbell Polarized Plugs and Receptacles, with nickel plated brass plates are set flush in table rail. Two outlet boxes are set flush in top, with rigid conduit to floor. One Rheostat.

Fixtures—One single cold water pantry cock, one double long spout gas cock, upright rods with clamps and wood crossbar, piping to floor.

Weight crated—No. I-1575, 810 lbs.; No. I-1576, 760 lbs.

No. I-1575—Instructor's Table as illustrated, with locks.

No. I-1576—Instructor's Table without rheostat, resistance box and plugs in top, with locks.



No. I-1579

No. I-1579 FOUR STUDENT ELECTRICAL TABLE

The eight small and four large drawers in this table provide storage space for electrical instruments used in practical work and demonstration, for four students. The table is equipped with two Hubbell flush receptacles for A. C. and D. C. electricity, two double long spout gas cocks, two ¾ inch conduit lines with flush outlet boxes, through which wires for experimental purposes may be run, and four vise plates securely fastened to the table top. The top is furnished black acid resisting.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	42 in.	36 in.	
8 drawers		13½ in.	7¼ in.	14 in.
4 drawers		29⅜ in.	5¼ in.	14 in.

Construction—Body, built of selected white oak. Top, constructed of narrow birch strips, matched, glued and dressed to 1⅝ inch thickness.

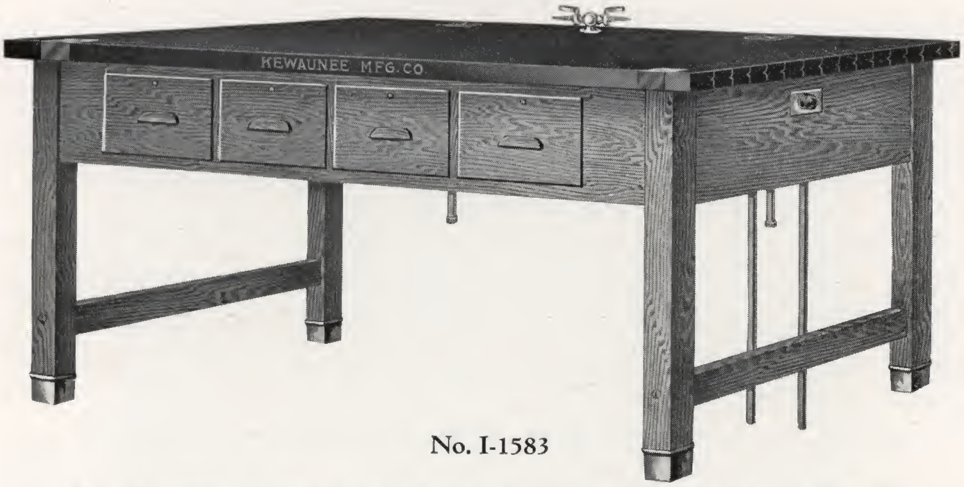
Finish—Body, No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—Two electrical outlet boxes in top, two Hubbell Polarized plugs and receptacles, with rigid conduit to floor. Two double long spout gas cocks with piping to floor. Four steel vise plates.

Weight crated—No. I-1579, 490 lbs.

No. I-1579—Four-student Electrical Table, with locks.

No. I-1580—Four-student Electrical Table, without locks.



No. I-1583

No. I-1583 TWO-STUDENT ELECTRICAL TABLE

This table has four drawers, all on one side. The top is fitted with two outlet boxes with ¾ inch conduit attached terminating six inches from the floor with a bushing; one double long spout gas cock and two 3 x 3 inch steel vise plates. A Hubbell Polarity Plug, 20 amperes, is set in each end rail with conduit to the floor line.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	36 in.	36 in.	
4 drawers		10½ in.	7¼ in.	22¾ in.

Construction—Body built of solid selected white oak. Top constructed of narrow birch strips, matched, glued and dressed to 1⅝ in. thickness.

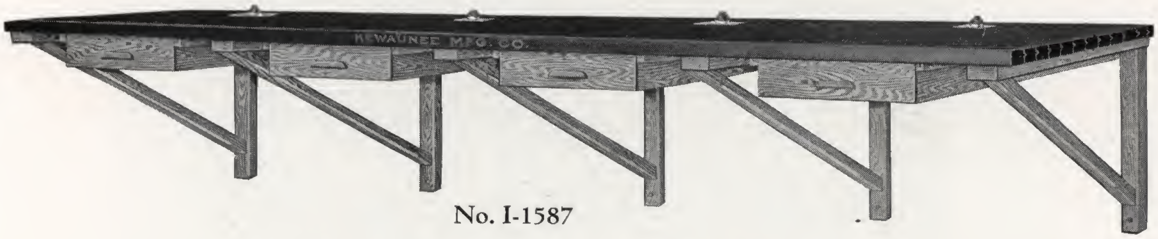
Finish—Body, No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—Two electric outlet boxes in top, two Hubbell Polarized plugs and receptacles, with rigid conduit to floor. One double long spout gas cock, with piping complete to floor. Two steel vise plates.

Weight crated—No. I-1583, 350 lbs.

No. I-1583—Two-student Electrical Table, with locks.

No. I-1584—Two-student Electrical Table, without locks.



No. I-1587

No. I-1587 ELECTRICAL WALL SHELF

The shelf above illustrated is made up of four three foot sections, each section containing a large drawer with individual lock, masterkeyed. Back of each drawer a Hubbell Polarity Plug for A. C. electricity is set flush with the top. Shelf is attached to the wall by brackets, the shelf to be elevated to 36 inches above the floor.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	13 ft. 6 in.	27 in.	36 in.	
4 drawers		19¾ in.	4 in.	17¾ in.

Construction—Brackets and drawers built of selected white oak. Top constructed of narrow birch strips, matched, glued and dressed to 1⅝ inch thickness.

Finish—Brackets and drawers No. 1 or No. 2 Oak. Top, black acid resisting finish.

Fixtures—Four Hubbell Polarized plugs and receptacles set flush in top, with conduit.

Weight crated—No. I-1587, 410 lbs.

No. I-1587—Electrical Wall Shelf, with locks.

No. I-1588—Electrical Wall Shelf, without locks.

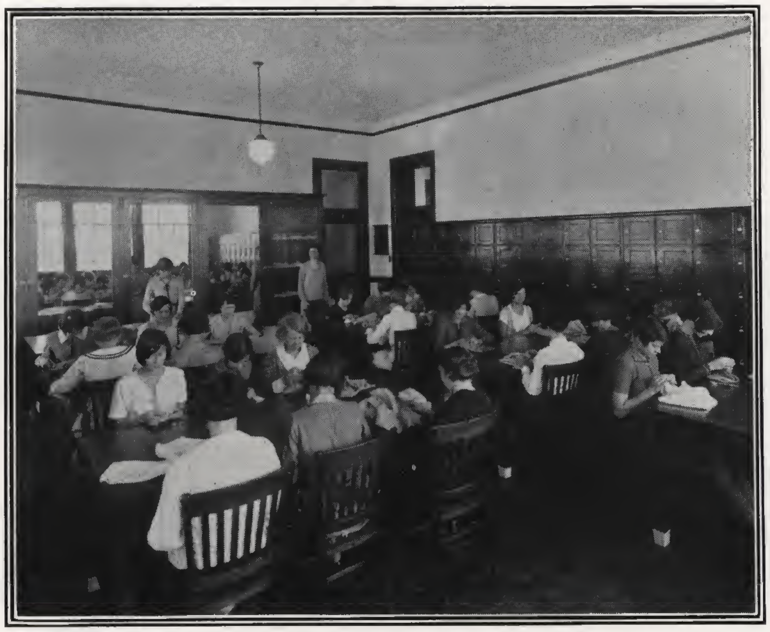
SEWING ROOM FURNITURE

We have endeavored to include in this section of the Kewaunee Blue Book, every possible furniture requirement of the modern sewing room. Students sewing tables of every description are provided, and this section also shows a complete line of cutting tables, mirrors, fitting stands and ironing boards.

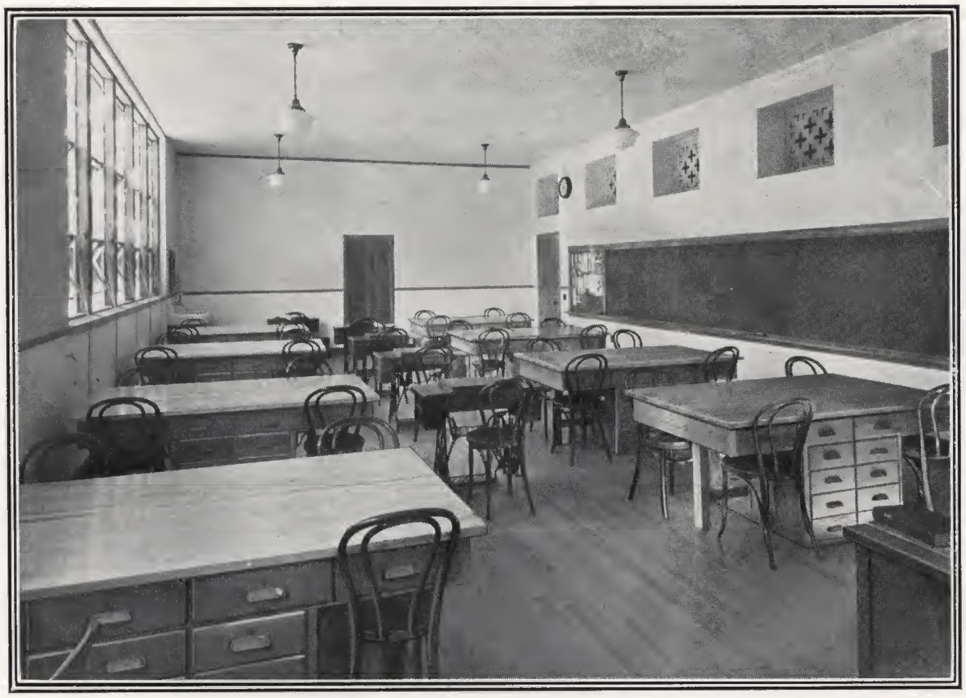
The floor plans shown on pages 323, 326 and 327, illustrate three modern and efficient sewing room layouts, and we recommend these suggestive layouts to your attention.

Storage and display cases and students drawer and locker cases are all illustrated in the case section of the book, pages 242 to 298 inclusive.

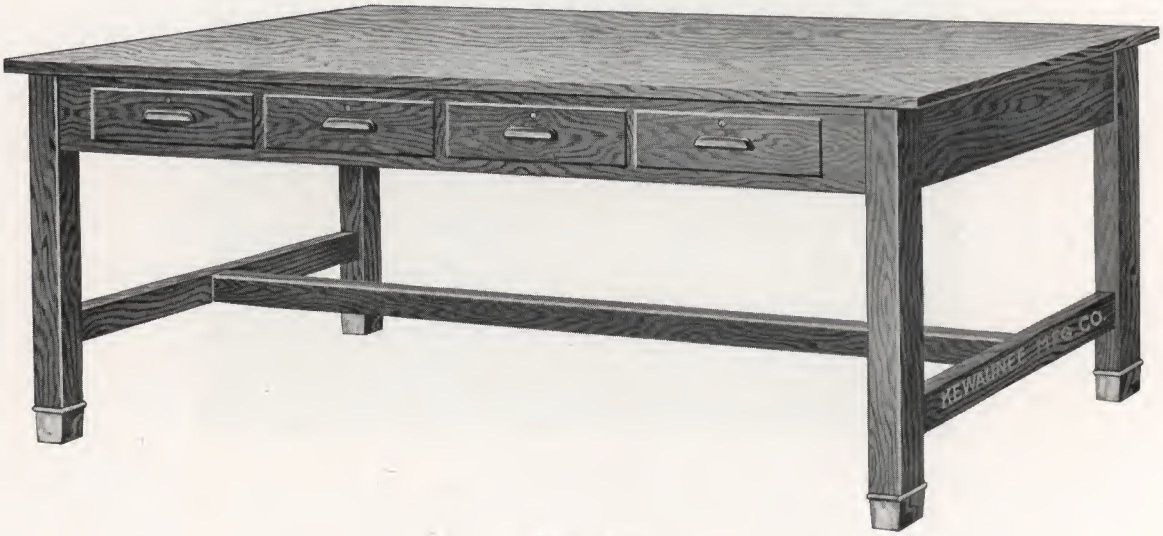
SEWING ROOM
THORNTON TOWNSHIP HIGH SCHOOL
CALUMET CITY, ILL.



SEWING ROOM
BOLTON HIGH SCHOOL, ALEXANDRIA, LA.



SEWING ROOM
NEW HIGH SCHOOL, MIAMI, FLA.



No. J-1601

No. J-1601 STUDENT'S SEWING TABLE

This sturdy, attractive, four-student sewing table has been very widely used and is extremely popular. The very attractive oak top is stained to match the body of the table. Eight drawers provide private locked drawer accommodations for two sections. The frame of this table is very heavily constructed to prevent sagging, and the table is further braced by heavy bolted leg stretchers as shown. Aluminum leg sockets protect the legs and add to the appearance of the equipment.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	36 in.	30 in.	
8 drawers		12½ in.	3¼ in.	13¼ in.

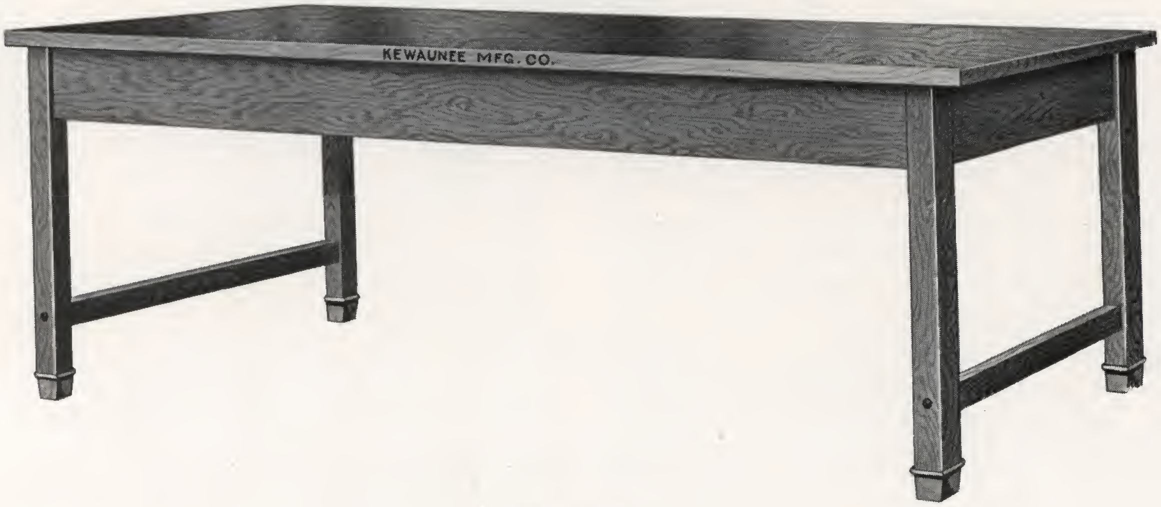
Construction—Selected white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. J-1601, 245 lbs.

No. J-1601—Student's Sewing Table, with locks.

No. J-1602—Student's Sewing Table, without locks.



No. J-1604

No. J-1604 STUDENT'S SEWING TABLE

In those instances where wall lockers are used to store the personal belongings of sewing students, a table without drawers will meet sewing room requirements very economically. This table is very heavily and rigidly built and presents a very attractive appearance.

SPECIFICATIONS

	Length	Width	Height
Overall	6 ft.	36 in.	30 in.

Construction—Selected white oak.

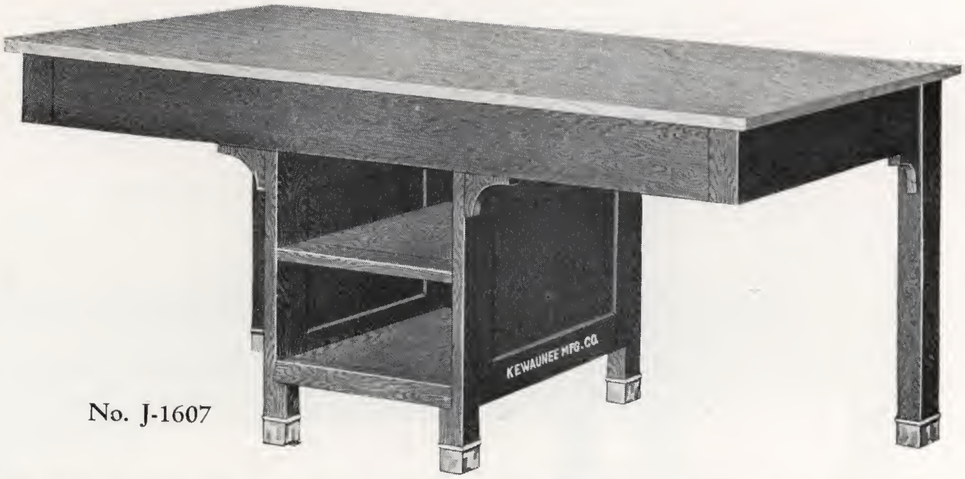
Finish—No. 1 or No. 2 Oak.

Weight crated—No. J-1604, 180 lbs.; No. J-1605, 165 lbs.

No. J-1604—Student's Sewing Table, 6 feet long.

No. J-1605—Student's Sewing Table, 5 feet long.

No. J-1607
STUDENT'S SEWING TABLE



No. J-1607

This two-student sewing table is very attractive and is intended for use in the sewing room equipped with wall lockers for storing student's personal property. The two compartments in the pedestal of this table are used as a repository for books and other materials carried to the sewing room by the students. These tables can be furnished complete with Kemco Non-colliding Swinging Chairs or with swinging stools if desired. The small size of this table allows the maximum student accommodation in the sewing room and a sewing room so equipped presents a very neat and attractive appearance.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	24 in.	30 in.	
2 open compartments		15 in.	7½ in.	20⅝ in.

Construction—Selected white oak.

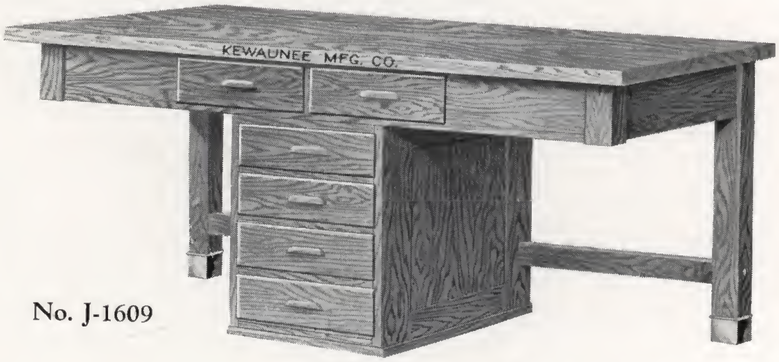
Finish—No. 1 or No. 2 Oak.

Weight crated—No. J-1607, 220 lbs.; No. J-1608, 265 lbs.

No. J-1607—Student's Sewing Table, as illustrated.

No. J-1608—Student's Sewing Table, with swinging chairs.

No. J-1609
TWO-STUDENT SEWING TABLE



No. J-1609

Where a two-student table, providing drawers for the storage of sewing materials, is desired, table No. J-1609 will serve the purpose admirably. The table accommodates three sections of two students each, with a private locked drawer and is a very sturdy and beautiful sewing table. Kemco Non-colliding Swinging Chairs or Swinging Stools can be furnished if desired.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	27 in.	32 in.	
6 drawers		14½ in.	4 in.	17¾ in.

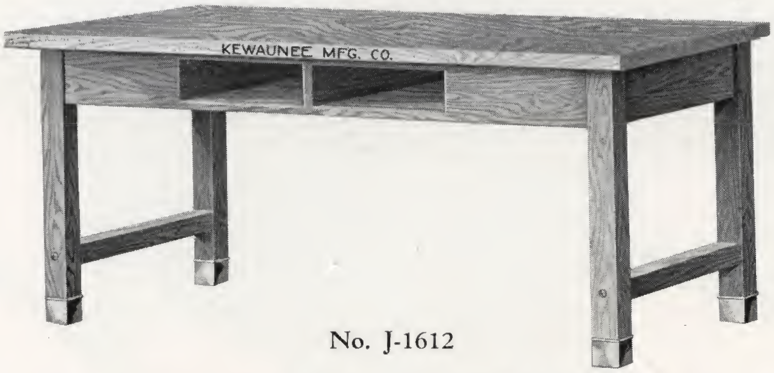
Construction—Selected white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. J-1609, 270 lbs.

No. J-1609—Two-Student Sewing Table, without locks.

No. J-1610—Two-Student Sewing Table, with locks.



No. J-1612

No. J-1612 STUDENT'S SEWING TABLE

This very attractive sewing table is designed to be used in conjunction with the drawer cases shown in the case section of the book, pages 242 to 298 inclusive. The inter-changeable drawers from the drawer case are assigned to certain students in each section and, for convenience in use, the drawers are taken to the table and placed in the drawer cut outs provided, at the beginning of the sewing period and subsequently replaced in the drawer space at the end of the period. This arrangement makes the equipment in the sewing room very flexible and additional sections can be accommodated in the sewing room merely by the addition of drawer case units.

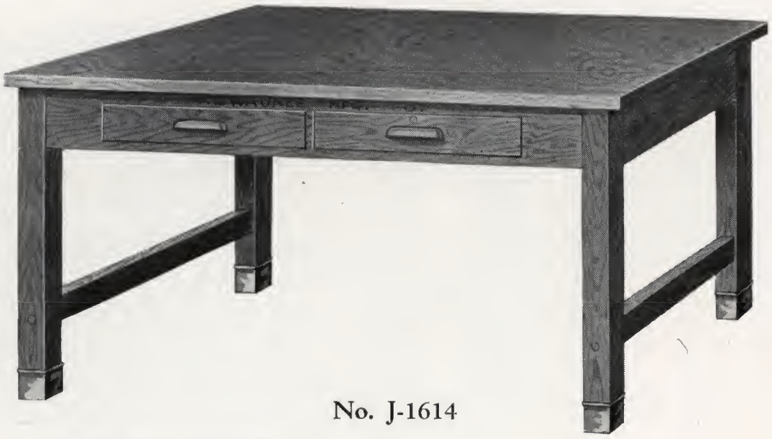
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	24 in.	32 in.	
Open compartments		16 7/16 in.	5¾ in.	20 in.

Construction—Selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. J-1612, 165 lbs.
No. J-1612—Student's Sewing Table.

No. J-1614 INSTRUCTOR'S SEWING TABLE

This Instructor's Table is 5 ft. long and 30 inches wide and has two large drawers in the rail. The table is very attractive and provides a very useful table for the instructor.

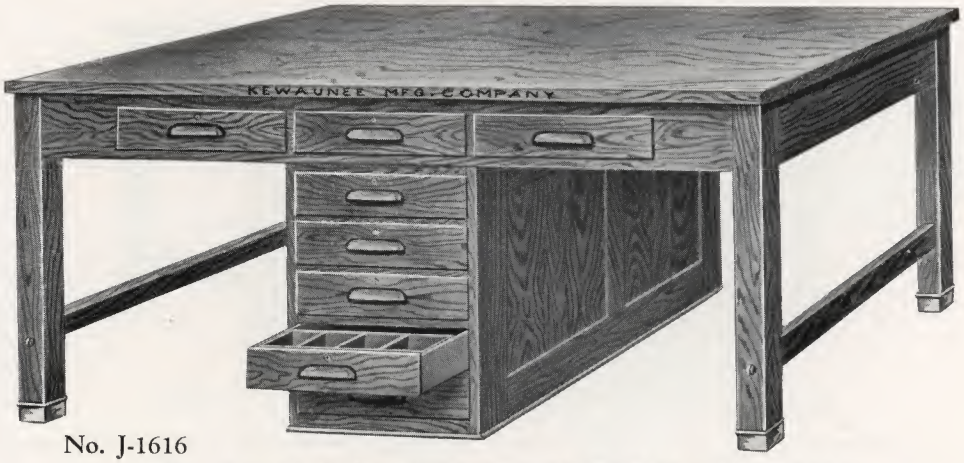


No. J-1614

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	30 in.	30 in.	
2 drawers		18½ in.	2¾ in.	14¼ in.

Construction—Selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. J-1614, 190 lbs.
No. J-1614—Instructor's Sewing Table, with locks.
No. J-1615—Instructor's Sewing Table, without locks.



No. J-1616

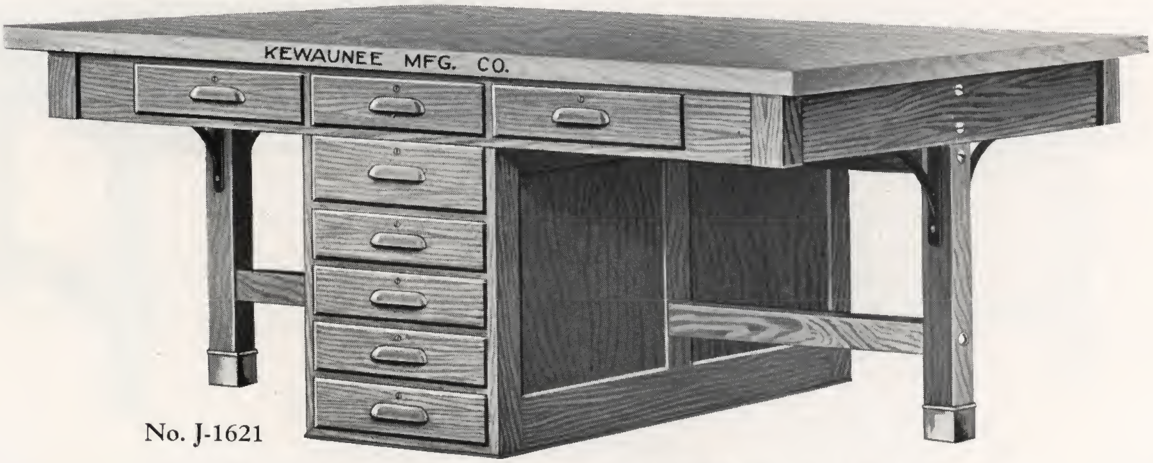
No. J-1616 STUDENT'S SEWING TABLE

This four-student table accommodates four sections of four students each and is a very rigid and attractive table for use in those schools having a large enrollment in the sewing classes. Removable sliding trays, one of which is provided in each drawer, provide a very convenient receptacle for thread, needles, buttons, and other small items of material.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	39 in.	30 in.	
16 drawers		14½ in.	2¾ in.	14¼ in.

Construction—Selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated, No. J-1616, 340 lbs. No. J-1618, 320 lbs.
No. J-1616—Student's Sewing Table, masterkeyed locks on all drawers.
No. J-1617—Student's Sewing Table, without locks.
No. J-1618—Student's Sewing Table, without locks, without trays.
No. J-1619—Student's Sewing Table, with locks, without trays.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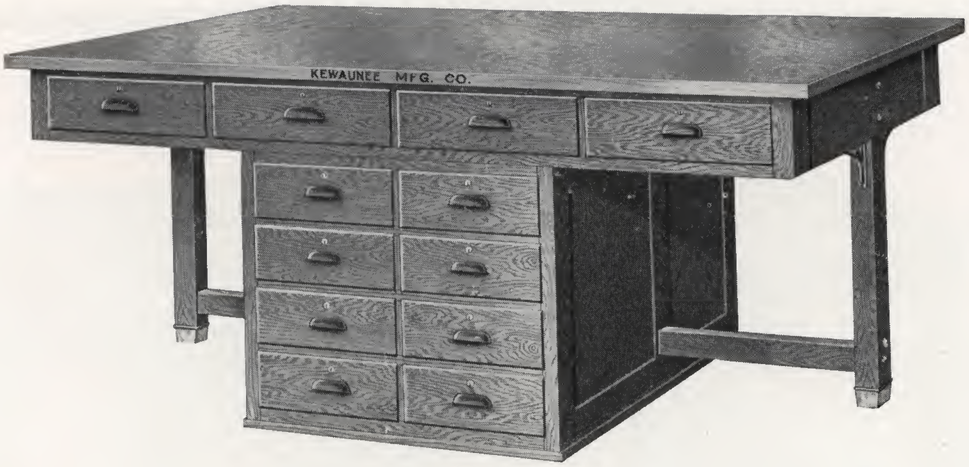
No. J-1621

No. J-1621 STUDENT'S SEWING TABLE

This four-student table provides the same accommodations as table No. J-1616 shown above, but has two center type legs, which are securely bolted to end rails and reinforced with stretchers and heavy cast brackets. The use of this center leg table is desirable where Kemco Non-colliding Swinging Chairs are used on the sewing table.

SPECIFICATIONS

Same as table No. J-1616 above. Weight crated, No. J-1621, 480 lbs.
No. J-1621—Student's Sewing Table, masterkeyed locks on drawers.
No. J-1622—Student's Sewing Table, without locks.



No. J-1624

No. J-1624 STUDENT'S SEWING TABLE

This sewing table accommodates six sections of four students each and will therefore, meet the requirements of the largest schools. The drawers are large and roomy and supplementary storage space in locker cases is not necessary where this design of table is used. The table has a very attractive oak top stained to match the table, and the wide double drawer pedestal and heavily bolted and braced end legs, make the table very rigid.

SPECIFICATIONS

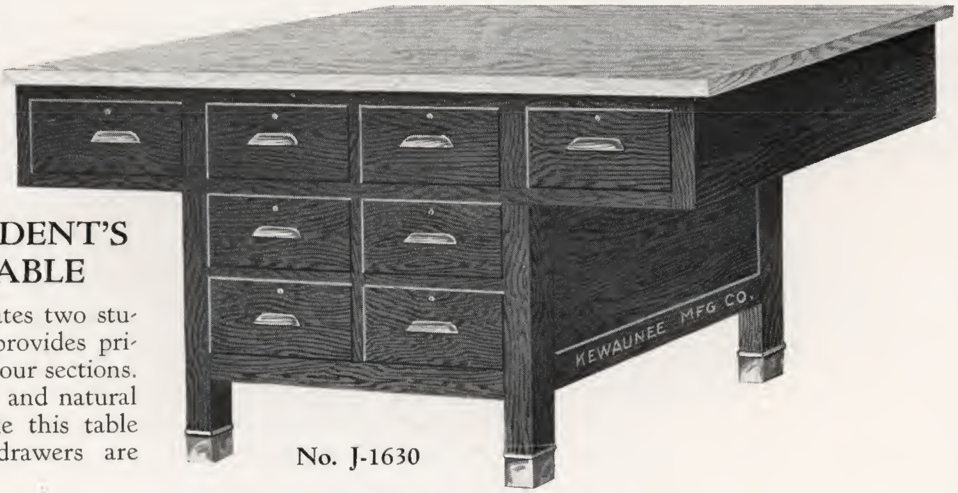
	Length	Width	Height	Depth
Overall	6 ft.	42 in.	30 in.	
24 drawers		10½ in.	3¼ in.	14¼ in.

Construction—Selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. J-1624, 470 lbs.

No. J-1624—Student's Sewing Table, masterkeyed locks on all drawers.
No. J-1625—Student's Sewing Table, without locks.

No. J-1630 STUDENT'S SEWING TABLE

This table accommodates two students at one time and provides private locked drawers for four sections. The raised sanitary base and natural finished birch top, make this table very attractive. The drawers are deep and roomy.



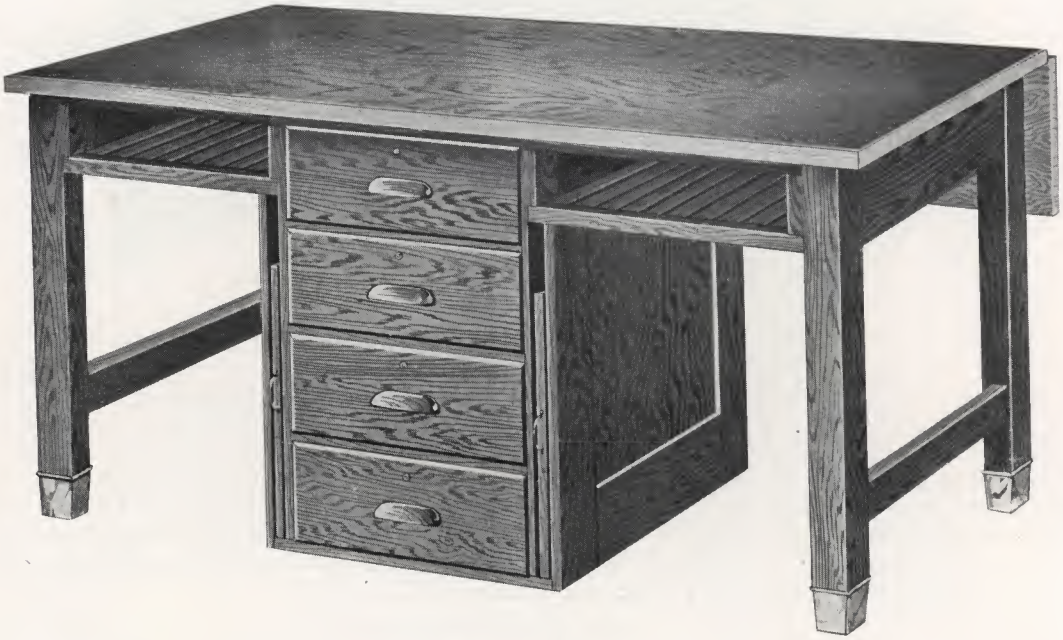
No. J-1630

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	30 in.	32 in.	
8 drawers		10½ in.	5¾ in.	22½ in.

Construction—Selected white oak. Top, birch.
Finish—Body, No. 1 or No. 2 Oak. Top, natural finish.
Weight crated, No. J-1630, 340 lbs.

No. J-1630—Student's Sewing Table, masterkeyed locks on drawers.
No. J-1631—Student's Sewing Table, without locks.



No. J-1633

No. J-1633 STUDENT'S SEWING TABLE

Our most complete two-student sewing table is illustrated above. The open compartments in the rail of the table at each end are used to house books and other material brought to class and the bottoms of these compartments are built up of narrow slats for cleanliness. Two tracing boards are provided and their use for tracing saves the top and makes is unnecessary for all students to use a common tracing and cutting table. Four large drawers are provided and accommodate two sections of two students each. The table is 24 inches wide and an 11 inch drop leaf is provided, that can be raised when desired, to increase the width of the table top to thirty-five inches. Drawers are provided with removable sliding trays, 2 inches deep and 5 inches wide that carry small articles, such as thread, needles, pins, buttons, etc. This extremely attractive table provides every desired accommodation for the sewing room.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	24 in.	32 in.	
4 drawers		18 in.	5⅞ in.	17 in.
2 compartments		20 in.	4 in.	19¼ in.
Drop leaf	6 ft.	11 in.		
2 tracing boards	19½ in.	18 in.		

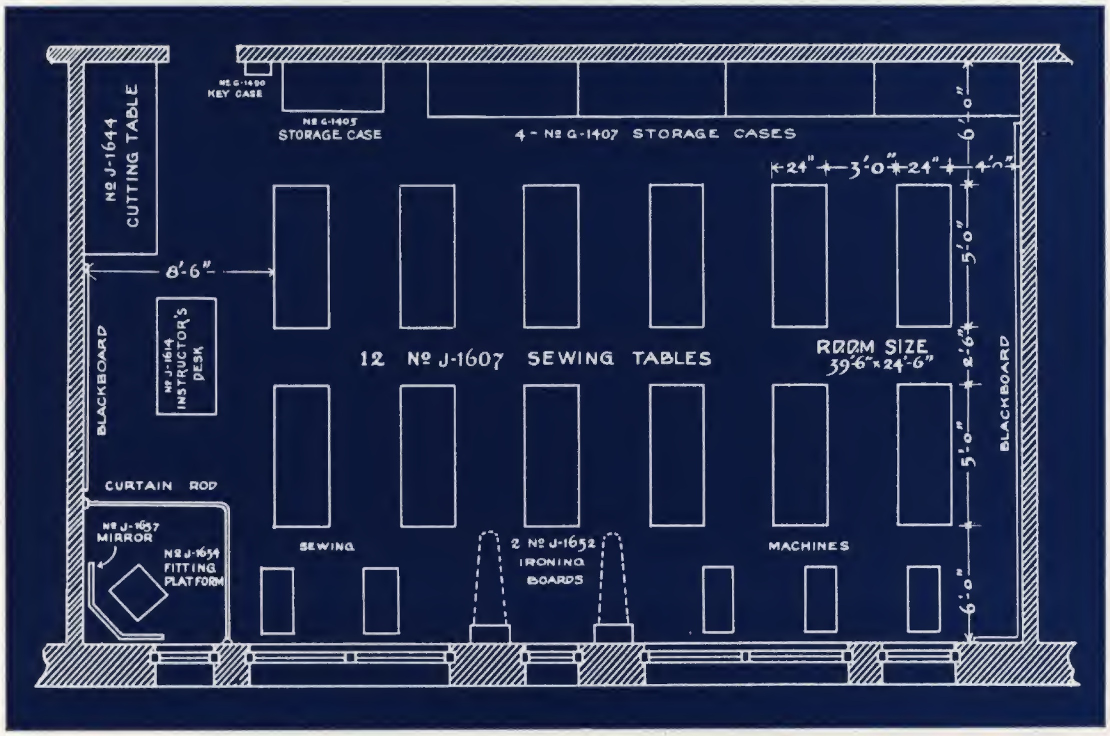
Construction—Selected white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. J-1633, 290 lbs.

No. J-1633—Student's Sewing Table, with masterkeyed locks.

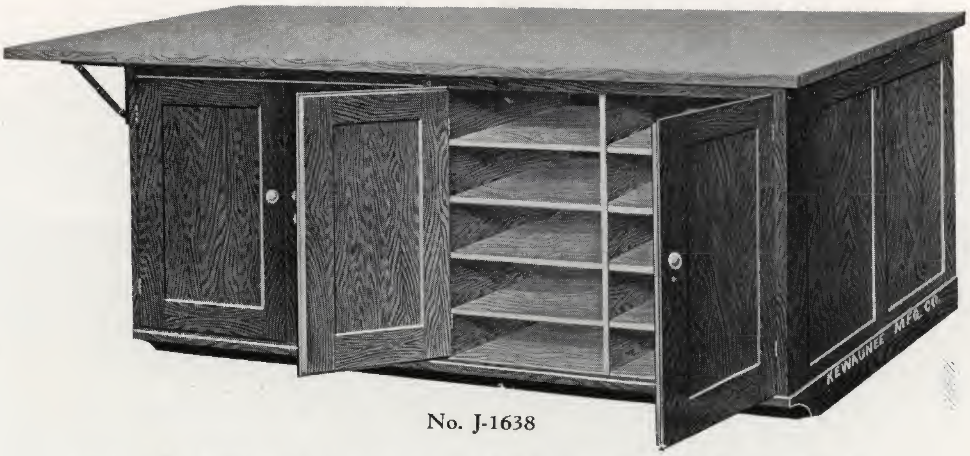
No. J-1634—Student's Sewing Table, without locks.



SEWING ROOM PLAN A

The furniture used in sewing room layout plan A, accommodates 24 students at one time and four units of No. G-1407 Storage Cases provide private locked drawers for five sections of students. In this plan the students all face the front of the room, which allows better supervision. Five sewing machines and two folding ironing boards, as well as facilities for cutting and fitting, are provided. The complete list of equipment included is as follows:

12 No. J-1607 or No. J-1612 Sewing Tables.
1 No. J-1614 Instructor's Desk.
4 No. G-1407 Drawer Storage Cases.
1 No. G-1405 Storage Case.
2 No. J-1652 Ironing Boards.
1 No. J-1644 Cutting Table.
1 No. J-1657 Mirror.
1 No. J-1654 Fitting Platform.
1 No. G-1490 Key Case.



No. J-1638

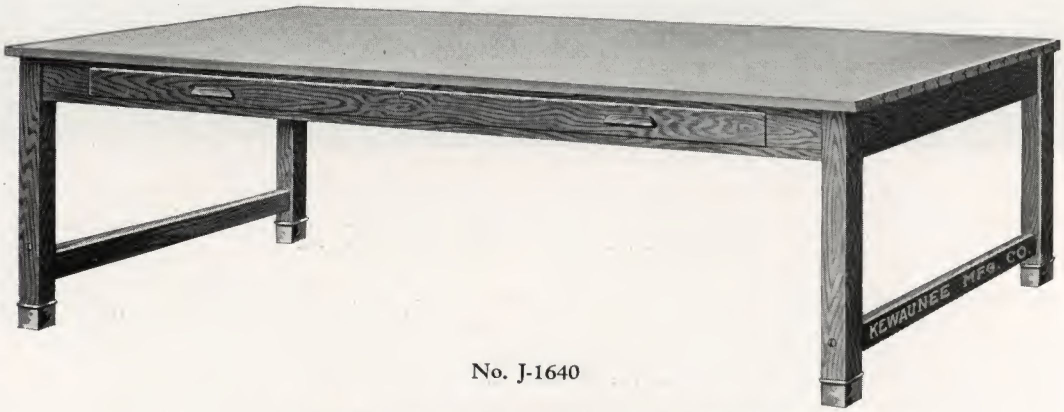
No. J-1638 CUTTING AND STORAGE TABLE

This six foot long table is equipped with a drop leaf at the left end, that increases the length of the table to 88 inches when raised. Twenty large storage compartments are provided behind two sets of double swinging doors and provide very convenient storage space for patterns and materials.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	7 ft. 4 in.	27 in.	32 in.	
20 compartments		16⅞ in.	4½ in.	23 in.

Construction—Body, selected white oak. Top, selected birch.
Finish—Body, No. 1 or No. 2 Oak. Top, natural finish.
Weight crated, No. J-1638, 550 lbs.
No. J-1638—Cutting and Storage Table, masterkeyed locks.
No. J-1639—Cutting and Storage Table, without locks.



No. J-1640

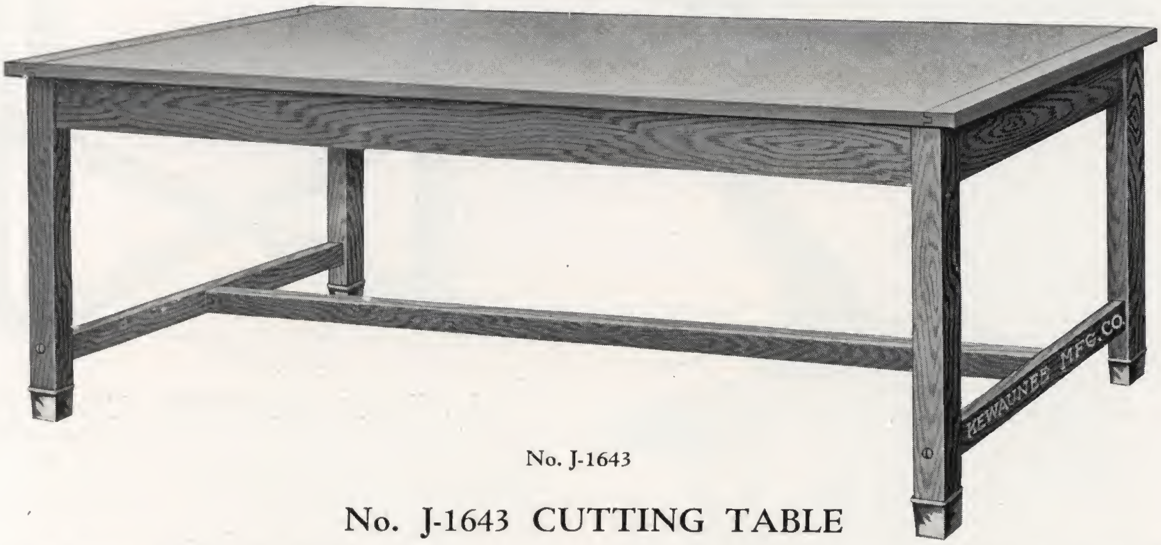
No. J-1640 CUTTING TABLE

The drawer provided in this cutting table is 6 ft. 3 in. long by 34 inches wide, and will provide storage space for very large patterns without folding. The table is 8 feet long by 42 inches wide, and this size makes the table ideal for tracing and cutting. A heavy stretcher, not shown in the illustration, runs from end to end of the table and securely braces it.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	8 ft.	3 ft. 6 in.	32 in.	
Drawer		6 ft. 3 in.	2½ in.	34 in.

Construction—Body, selected white oak. Top, selected birch.
Finish—Body, No. 1 or No. 2 Oak. Top, natural finish.
Weight crated, No. J-1640, 260 lbs. No. J-1641, 280 lbs. No. J-1640-A, 230 lbs.
No. J-1640 —Cutting Table, as illustrated.
No. J-1640-A—Cutting Table, as illustrated, but 6 ft. long.
No. J-1641 —Cutting Table, 8 ft. long, with 16 in. drop leaf added to one end.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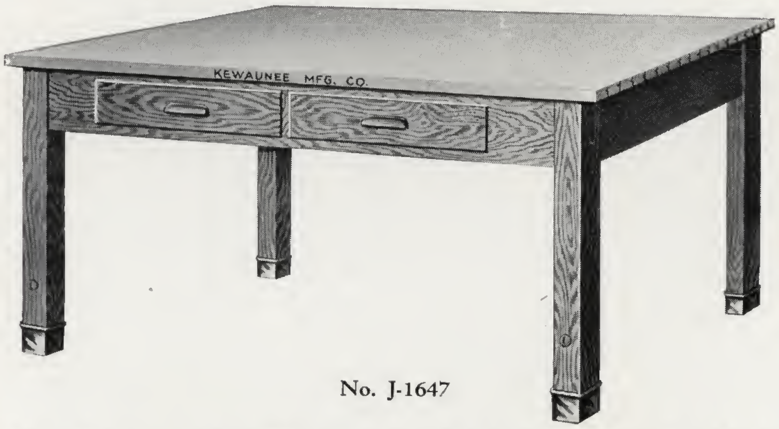
No. J-1643

No. J-1643 CUTTING TABLE

This cutting table is six feet long and three feet wide and is provided with a natural finished birch top. The table may be used equally well for cutting, tracing, or as a four-student sewing table. The legs are made very rigid by the use of heavy leg stretchers.

SPECIFICATIONS	Length	Width	Height
Overall	6 ft.	36 in.	32 in.

Construction—Body, selected white oak. Top, selected birch.
Finish—Body, No. 1 or No. 2 Oak. Top, finished natural.
Weight crated, No. J-1643, 230 lbs. No. J-1644, 275 lbs.
No. J-1643—Cutting Table, as illustrated.
No. J-1644—Cutting Table, same as above, but 8 ft. long.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No. J-1647

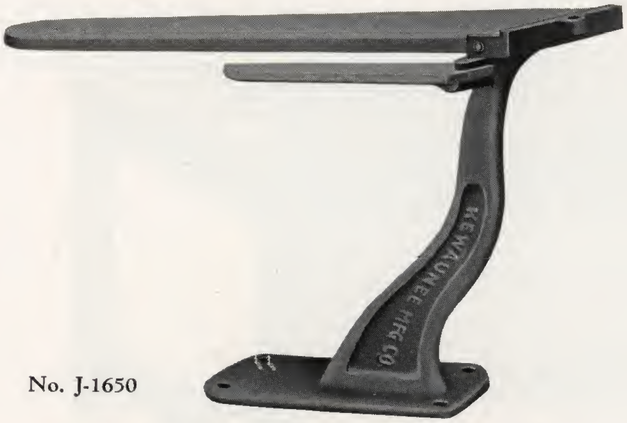
No. J-1647 SEWING ROOM UTILITY TABLE

This table is five feet long by thirty inches wide, and is equipped with natural finished birch top. It may be used as a small tracing or cutting table, or as an instructor's table. When required it can be used as a two-student sewing table. Two large drawers in the rail as shown.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	30 in.	30 in.	
2 drawers		18½ in.	2¾ in.	22¼ in.

Construction—Body, selected white oak. Top, selected birch.
Finish—Body, No. 1 or No. 2 Oak. Top, finished natural.
Weight crated, No. J-1647, 180 lbs.
No. J-1647—Sewing Room Utility Table, without locks.
No. J-1648—Sewing Room Utility Table, masterkeyed locks on drawers.



No. J-1650

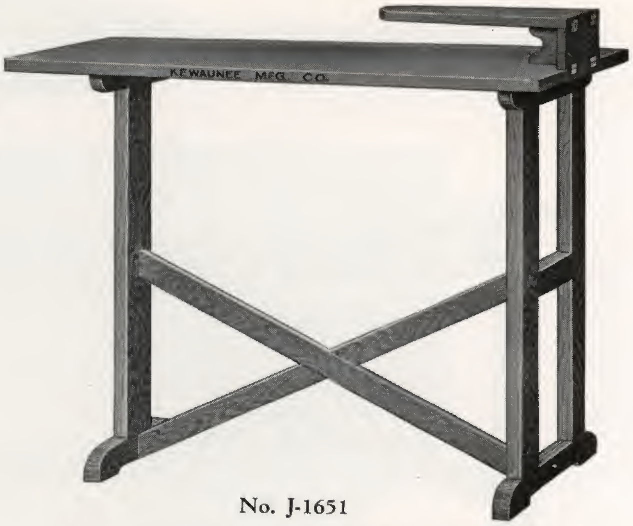
No. J-1650 IRONING BOARD

A very heavy and rigid cast base supports this basswood ironing board, and the board is very convenient to use.

SPECIFICATIONS

	Length	Width	Height
Overall	54 in.	12½ in.	33 in.
Sleeve Board	24½ in.	5½ in.	

Construction—Basswood boards, cast iron supports.
Weight crated, No. J-1650, 220 lbs.
No. J-1650—Ironing Board.



No. J-1651

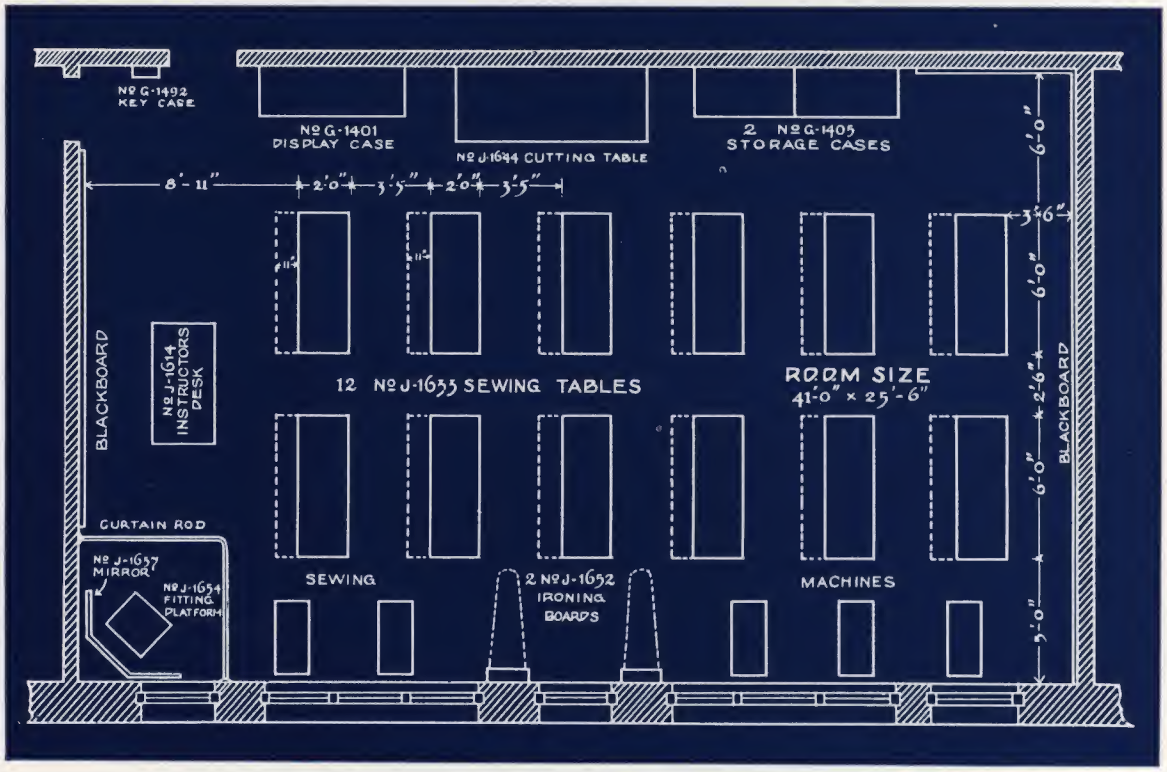
No. J-1651 IRONING BOARD

This board has a very heavy oak frame securely cross braced, and is further provided with a sleeve board that folds back over the end of the ironing board where it is out of the way when not in use. The ironing board is clear selected basswood.

SPECIFICATIONS

	Length	Width	Height
Overall	54 in.	16 in.	34 in.
Sleeve Board	21 in.	5 in.	

Construction—Frame, selected white oak. Boards, basswood.
Weight crated, No. J-1651, 80 lbs.
No. J-1651—Ironing Board.



SEWING ROOM PLAN B

The equipment called for on sewing room plan B accommodates twenty-four students at one time and provides private locked drawers for two sections. Our very best two-student sewing table is shown in this plan. The complete list of equipment included, is as follows:

12 No. J-1633 Sewing Tables.
1 No. J-1614 Instructor's Desk.
2 No. J-1652 Ironing Boards.
1 No. J-1644 Cutting Table.
2 No. G-1405 Storage Cases.
1 No. G-1401 Display Case.
1 No. J-1657 Triplicate Mirror.
1 No. J-1654 Fitting Platform.
1 No. G-1492 Key Case.

No. J-1652 IRONING BOARD AND CASE

This ironing board is very desirable for use where room space is at a premium. The board folds up into a shallow case fastened to the wall, that presents a very attractive appearance when closed. A sleeve board is provided as shown and the compartment at the bottom of the board is used to store the iron.

SPECIFICATIONS

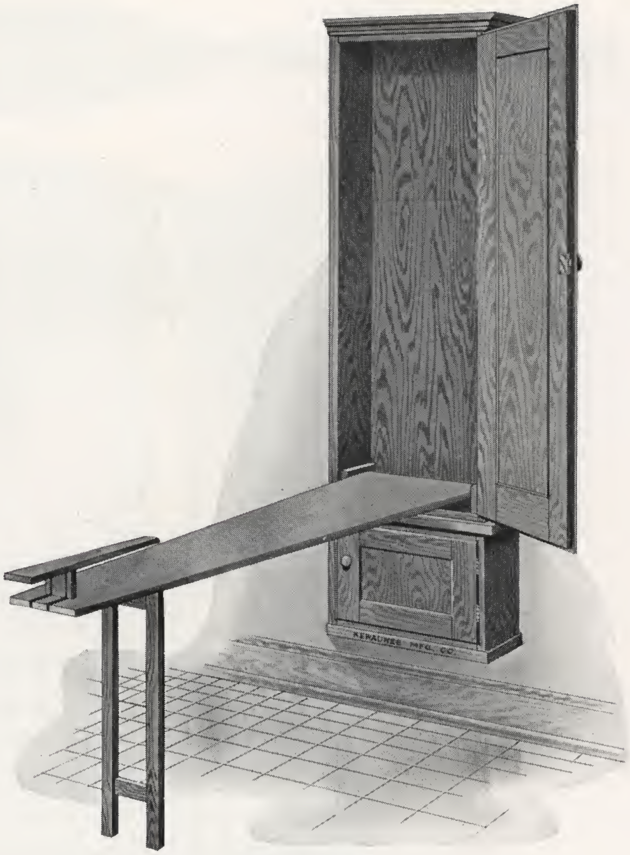
	Length	Width	Height	Depth
Overall		21 in.	78 in.	8 in.
Ironing board	48 in.	16 in.		
Cupboard		18¼ in.	13½ in.	5½ in.

Construction—Case, selected white oak. Boards, basswood.

Finish—Case, No. 1 or No. 2 Oak.

Weight crated—No. J-1652, 260 lbs.

No. J-1652—Ironing Board and Case.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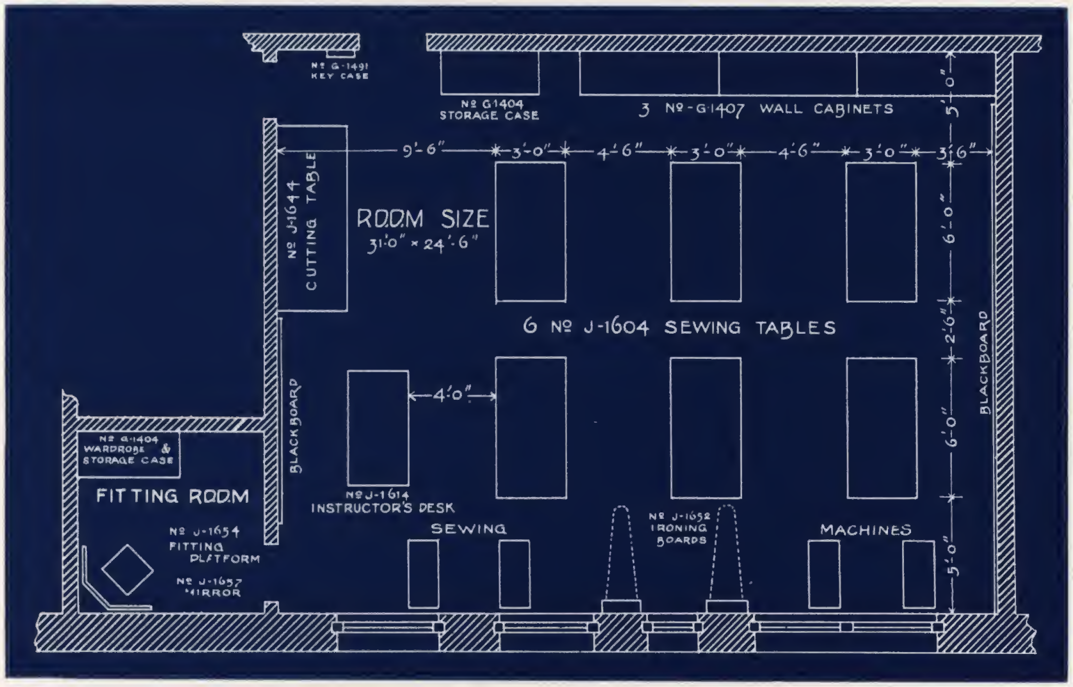
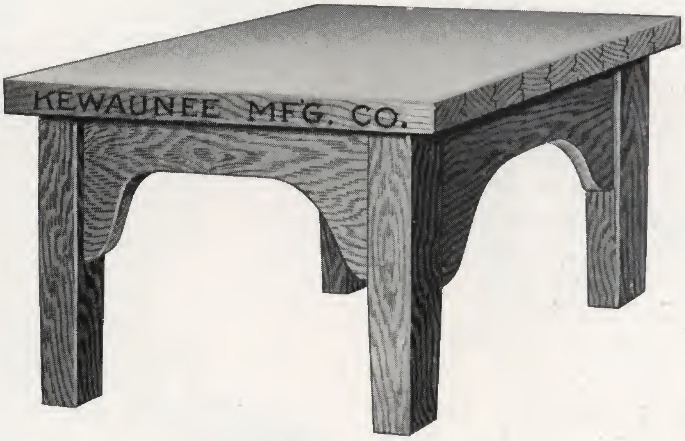
No. J-1652



SEWING ROOM PLAN C

Sewing Room Plan C calls for the use of six four-student type plain sewing tables, without drawers. 24 students are accommodated at one time and student's drawer cases are shown at the wall to provide private locked drawers for three sections of students. The complete list of equipment included is as follows:

6 No. J-1604 Sewing Tables.
1 No. J-1614 Instructor's Desk.
1 No. J-1644 Cutting Table.
2 No. J-1652 Ironing Boards.
3 No. G-1407 Wall Cabinets.
2 No. G-1404 Wardrobe and Storage Cases.
1 No. G-1657 Mirror.
1 No. J-1654 Fitting Platform.
1 No. G-1491 Key Case.



No. J-1654

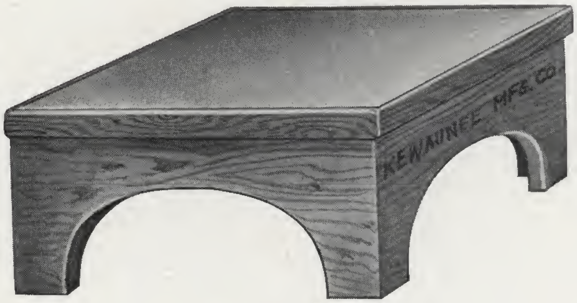
No. J-1654 FITTING PLATFORM

A very substantial stand of neat design, built entirely of selected white oak. Top is finished to stand the maximum of wear.

SPECIFICATIONS

	Length	Width	Height
Overall	18 in.	18 in.	12 in.

Construction—Selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. J-1654, 40 lbs.
No. J-1654—Fitting Platform.



No. J-1655

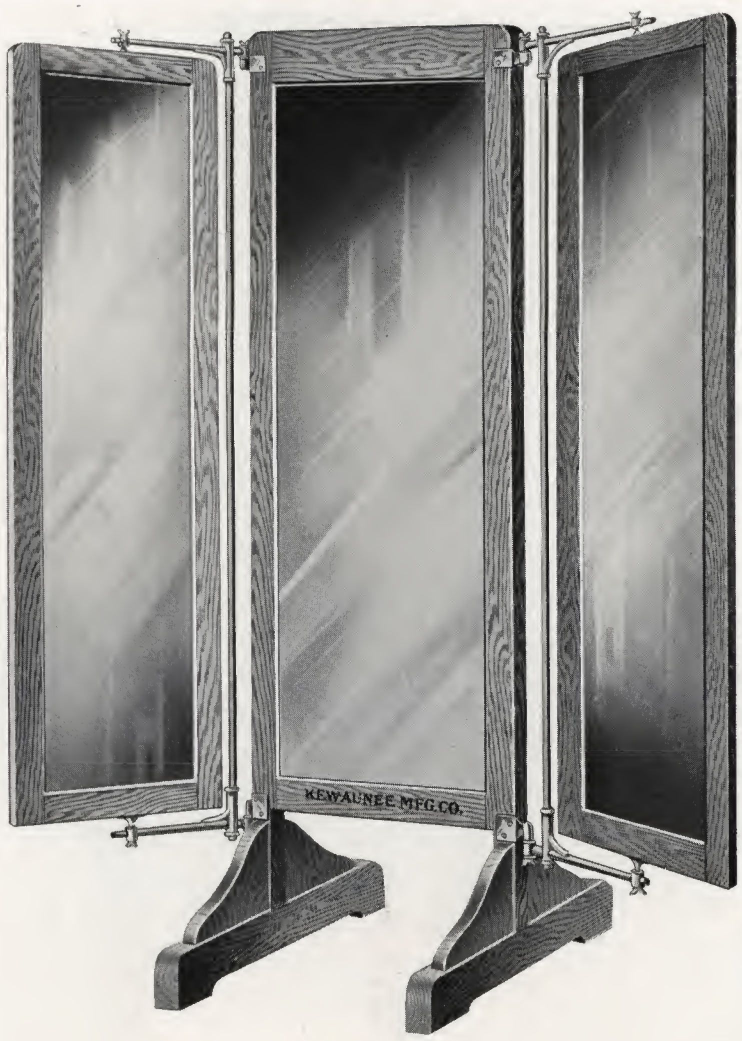
No. J-1655 FITTING PLATFORM

Built of selected white oak with inlaid linoleum top, edge banded with oak.

SPECIFICATIONS

	Length	Width	Height
Overall	18 in.	18 in.	8 in.

Construction—Selected white oak. Inlaid linoleum top.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. J-1655, 55 lbs.
No. J-1655—Fitting Platform.


KEWAUNEE MFG. CO.

No. J-1656

No. J-1656 TRIPLICATE MIRROR

In this design of triplicate mirror the side lights are not hinged to the center mirror, but are pivoted in the special triplicate mirror brackets shown, thus every possible angle of reflection can be had and this feature is very necessary in the sewing and fitting rooms. The best french plate mirrors are used in the Kewaunee Triplicate Mirror and the mirror frames and back are made of very carefully selected white oak. The extremely attractive appearance of this mirror as well as the fact that the side lights can be fully pivoted have made this design the favorite where the best is desired.

SPECIFICATIONS

	Width	Height
Overall	6 ft. 5 in.	6 ft. 3½ in.
Center mirror	18 in.	52 in.
Side mirrors	16 in.	52 in.

Construction—Frame, selected white oak. French plate mirrors.
Finish—Frame, No. 1 or No. 2 Oak.
Weight crated—No. J-1656, 290 lbs.
No. J-1656—Triplicate Mirror.

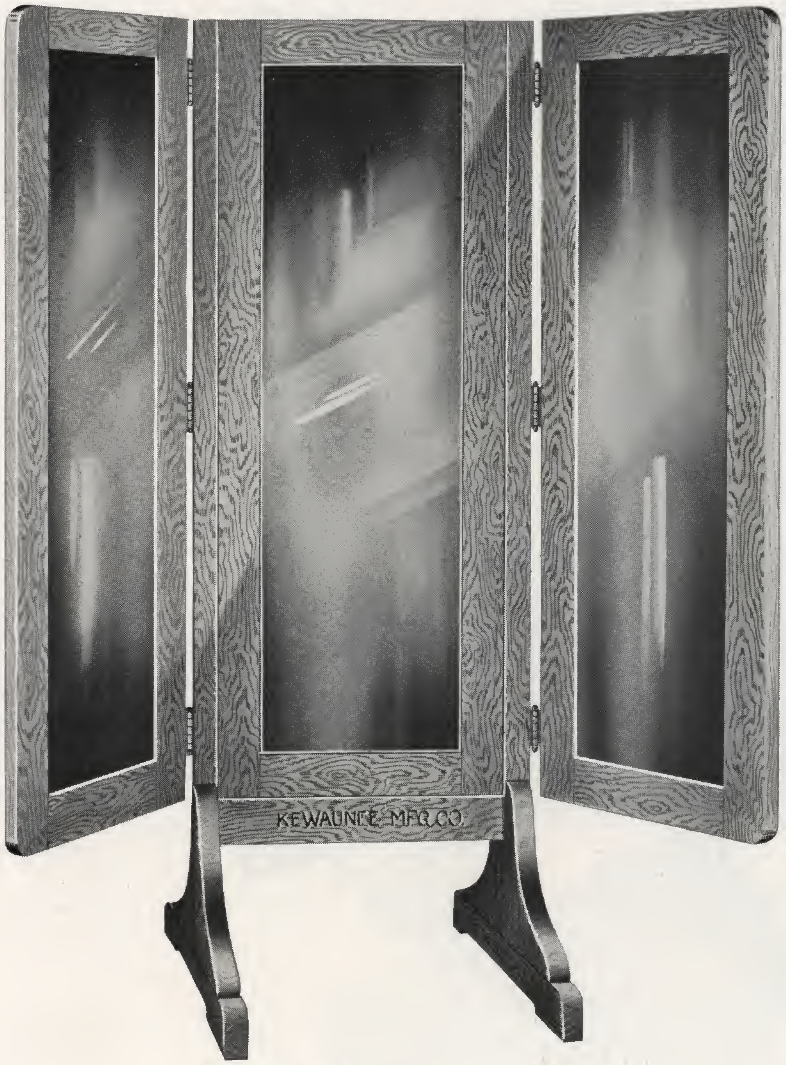
No. J-1657 TRIPLICATE MIRROR

The side lights of this triplicate mirror are hinged to the center frame with three pair of heavy brass hinges. French plate mirror glass is used throughout and is framed with carefully selected white oak.

SPECIFICATIONS

	Width	Height
Overall	74 in.	6 ft. 3½ in.
Center mirror	18 in.	52 in.
Side mirrors ..	16 in.	52 in.

Construction—Frame, selected white oak. French plate mirrors.
Finish—Frame, No. 1 or No. 2 Oak.
Weight crated—No. J-1657, 270 lbs.
No. J-1657—Triplicate Mirror.



No. J-1657

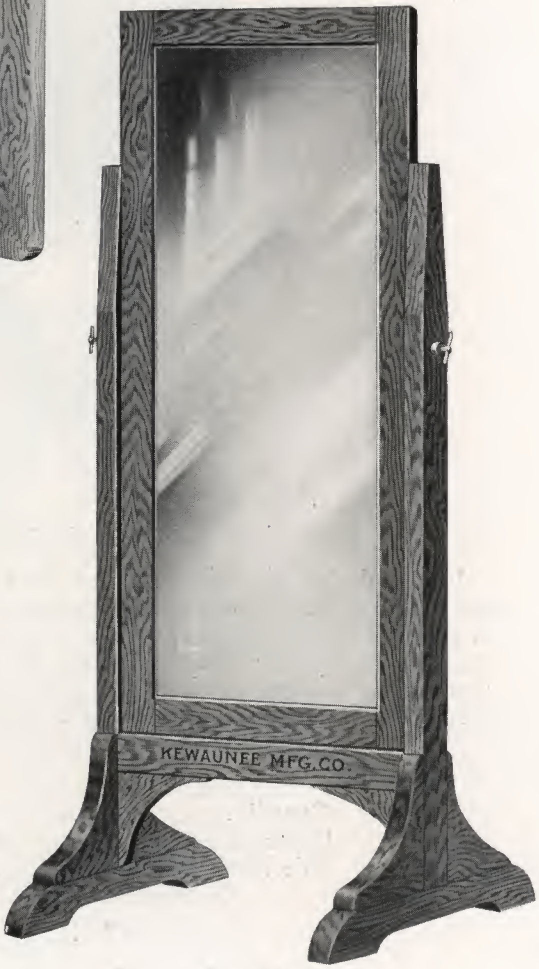
No. J-1658 CHEVAL MIRROR

This Cheval Mirror is mounted in a very attractive white oak frame and swings from brass mirror supports which will lock the mirror in any tilted position required. The best french plate mirror is used.

SPECIFICATIONS

	Width	Height
Overall	27 in.	72 in.
Mirror	18 in.	52 in.

Construction—Frame, selected white oak. French plate mirror.
Finish—Frame, No. 1 or No. 2 Oak.
Weight crated—No. J-1658, 170 lbs.
No. J-1658—Cheval Mirror.



No. J-1658

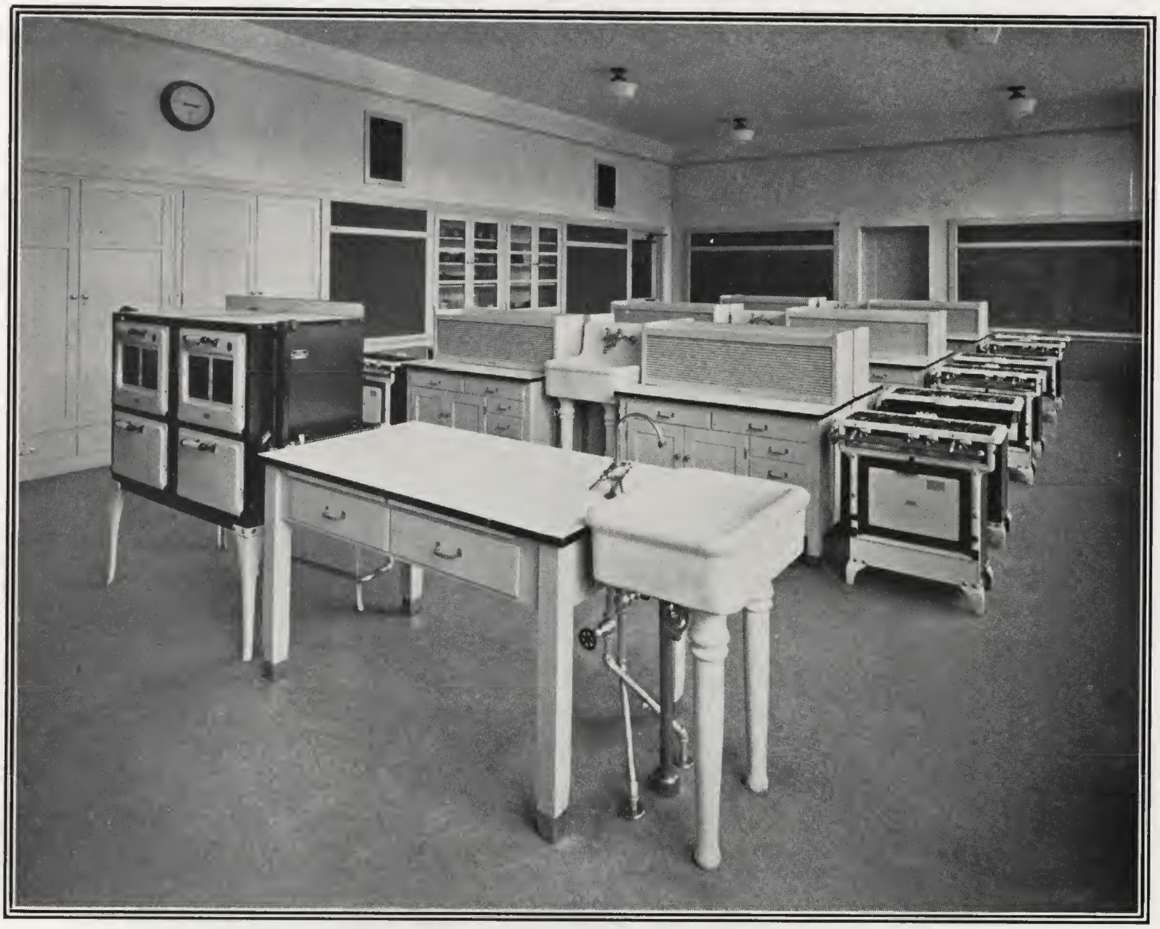
DOMESTIC SCIENCE, DIETETIC LABORATORY AND CAFETERIA FURNITURE AND EQUIPMENT

The type of students Domestic Science tables selected for the Domestic Science laboratory will depend largely on the instruction method used and on the type of stoves and sinks preferred. The Kewaunee Domestic Science Tables included in this section of the Kewaunee Blue Book, cover a wide range of designs, and designs will be found here that will lend themselves to any desired arrangement of the Domestic Science Laboratory.

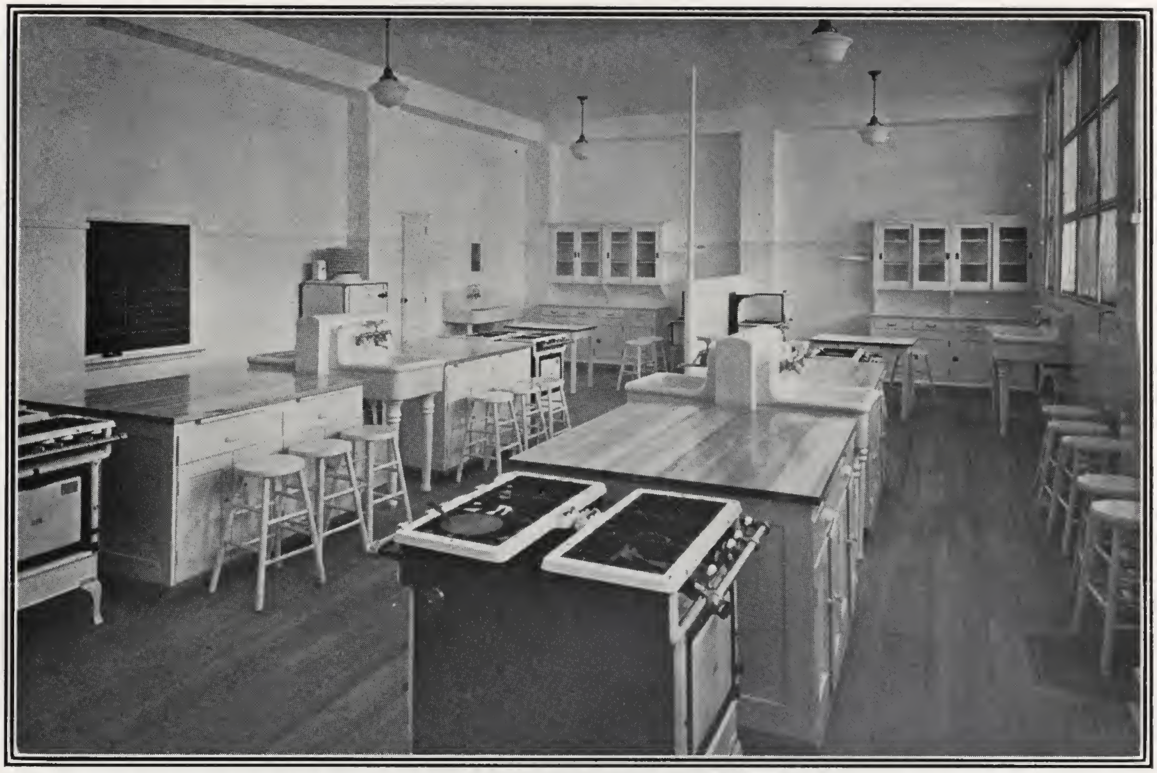
A complete line of Dietetic Tables for Dietetic Laboratories in Nursing Schools and Hospitals is also included in this section.

A complete line of Cafeteria Tables is shown, and we call your attention to the very complete and convenient cafeteria equipment plans shown on pages 356 and 359.

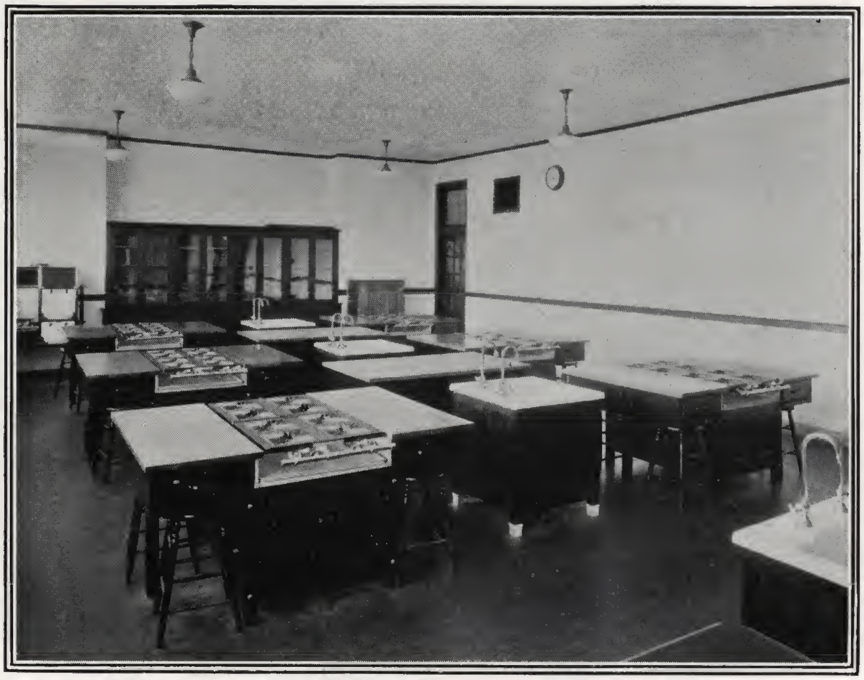
A great many of the Domestic Science and Dietetic Tables shown in this section are provided with Kemco Monel Metal tops which effectively solve the table top problem in the Domestic Science and Dietetic Laboratory.



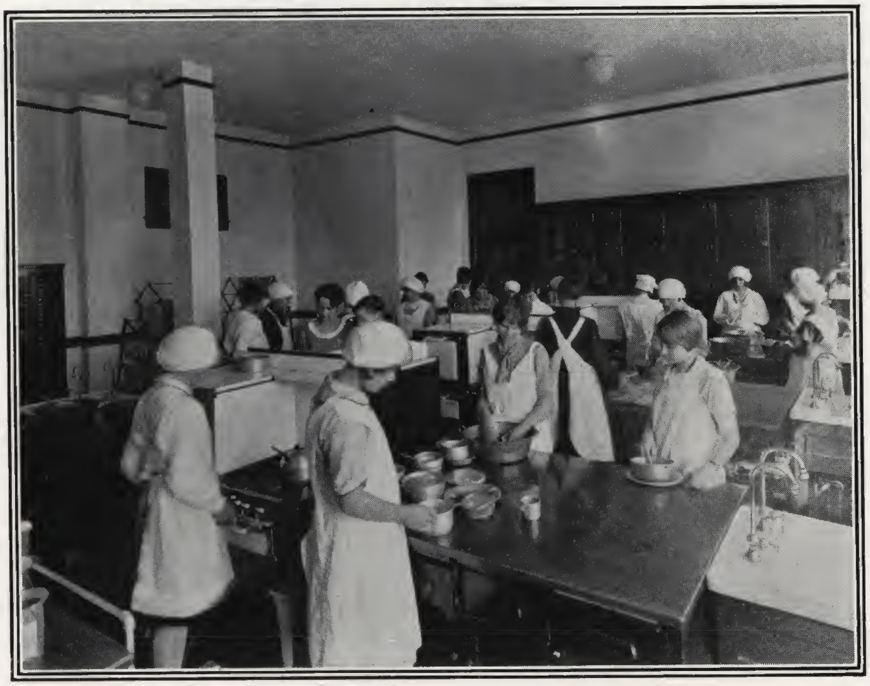
DOMESTIC SCIENCE LABORATORY
NEW HIGH SCHOOL, FORDSON, MICH.



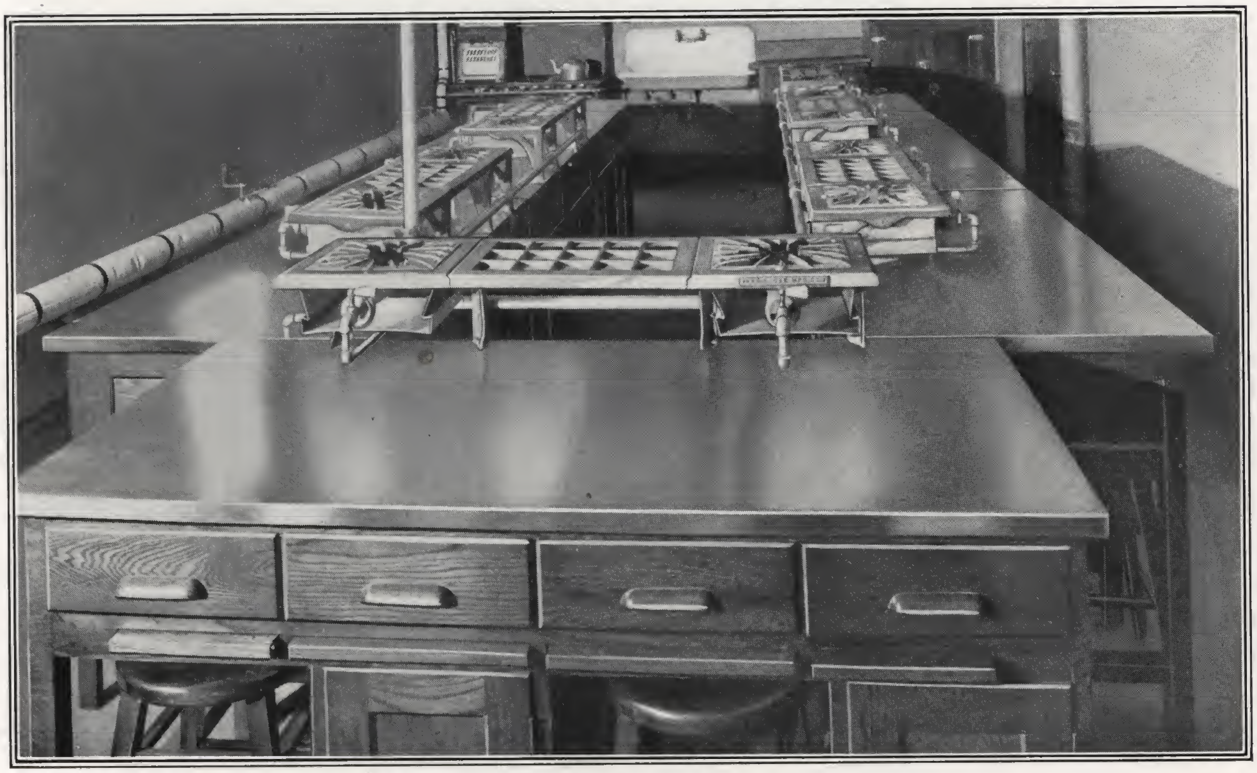
DOMESTIC SCIENCE LABORATORY
NEW HIGH SCHOOL, MIAMI, FLA.



DOMESTIC SCIENCE LABORATORY
THORNTON FRACTIONAL TOWNSHIP HIGH SCHOOL, CALUMET CITY, ILL.

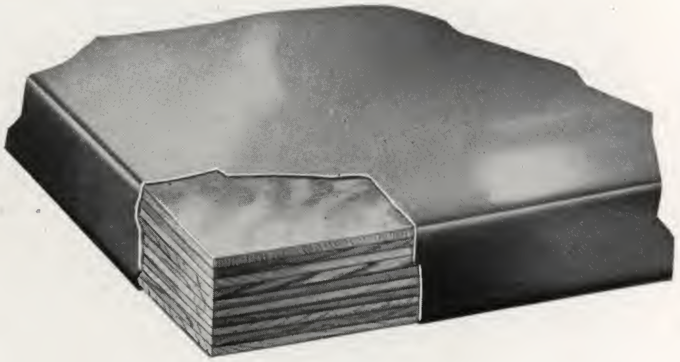


DOMESTIC SCIENCE LABORATORY
BOLTON HIGH SCHOOL, ALEXANDRIA, LA.



HOSPITAL DIETETIC KITCHEN
HOUSE OF MERCY HOSPITAL, PITTSFIELD, MASS.

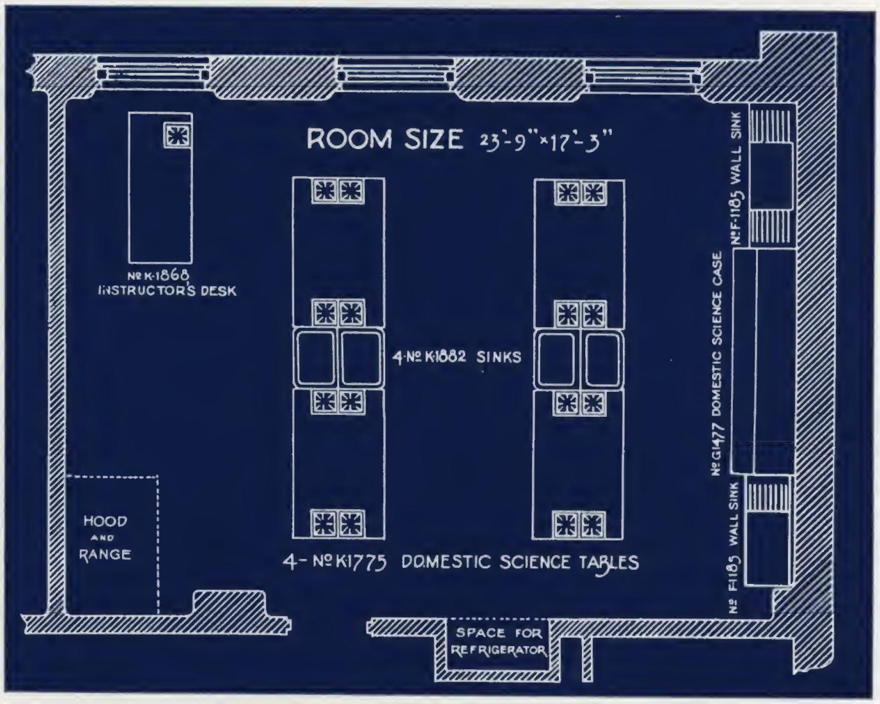
KEMCO MONEL METAL TABLE TOPS



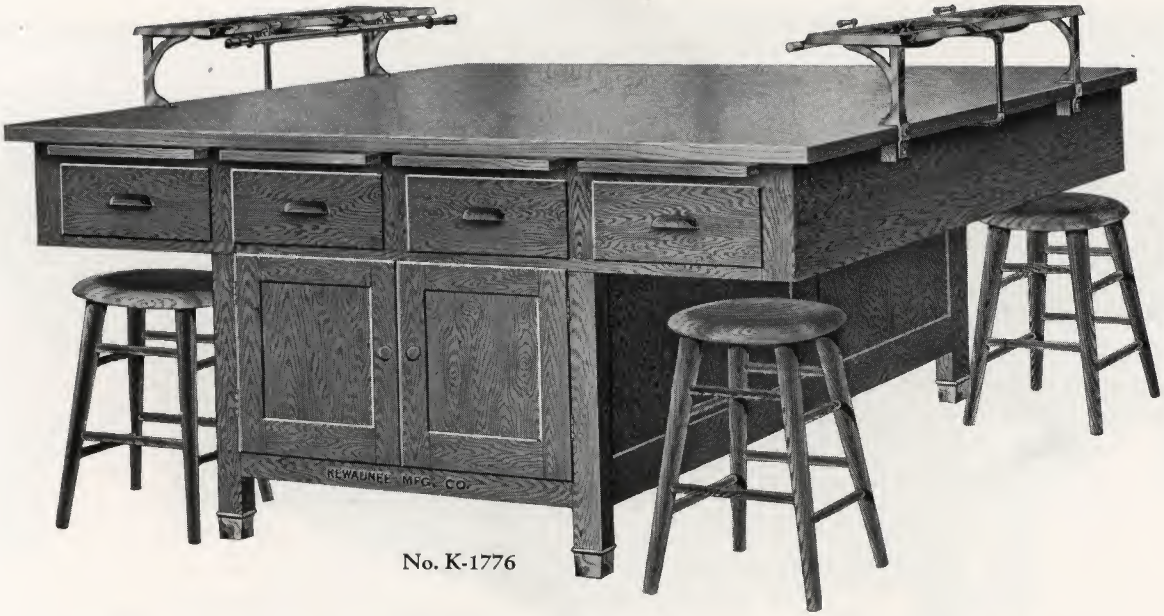
This illustration shows the heavy plywood base used in the construction of Kemco Monel Metal tops for Domestic Science and Dietetic tables. This plywood is crossbanded, and the grain in each ply of veneer runs at right angles to the grain in adjacent plys of veneer. This plywood is glued up with casein water proof glue that withstands many hours actual submersion in water. Since expansion in wood takes place across the grain, the many ply construction of the plywood base effectively prevents expansion and contraction and the consequent possibility of warpage, or twisting in the top. Heavy Monel Metal covering is applied to the tops, and is extended around sides and ends and securely fastened to bottom side. The corners are brazed. Kemco Monel Metal tops always lay straight and flat, and the Monel Metal covering is proof against rust or corrosion from fruit acids. Kemco Monel Metal tops are furnished in a very dull polished finish that is extremely attractive, and the tops retain their attractive appearance indefinitely. Hot pans and containers cannot damage or mar this top, and it is proof against stains and discolorations of all sorts. The Domestic Science or Dietetic Laboratory equipped with Kemco Monel Metal table tops is proof against "top trouble."

DOMESTIC SCIENCE LABORATORY PLAN "A"

Domestic Science Laboratoray Plan "A" is intended for the use of the small school where a laboratory capacity of 16 students at one time meets the requirements. This plan incorporates the grouping of 4 four-student tables around double sinks, and the stoves are mounted on the ends of tables, one burner being provided for each student.



The complete list of equipment included is as follows: 4 No. K-1775 Domestic Science Tables; 2 No. K-1882 Sinks; 1 No. F-1185 Wall Sink, one drain board; 1 No. F-1185 Wall Sink, two drain boards; 1 No. K-1868 Instructor's Table; 1 No. G-1477 Domestic Science Case.



No. K-1776

No. K-1776 DOMESTIC SCIENCE STUDENT'S TABLE

This very popular Domestic Science table provides eight large drawers and two very roomy double cupboards, and accommodates four students at one time. A two-burner black enameled gas stove is mounted at each end, and eight bread and meat boards are provided in rail under top. The table is regularly furnished in both the 36 in. and 44 in. widths, and for most purposes the 36 in. width is recommended. A natural finished birch top is provided, and the table is built of solid selected white oak. The Kemco non-colliding swinging chair, or swinging stool, can be furnished if desired.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	44 in.	32 in.	
8 drawers		11¼ in.	4 in.	16½ in.
2 double cupboards		26⅜ in.	16 in.	18 in.

Construction—Body, selected white oak; top, birch; 8 bread boards.

Finish—Body, No. 1 or No. 2 Oak. Top, natural heat resisting finish.

Fixtures—2 Kewaunee No. K-1857 2-burner gas stoves, piping complete to floor line.

Weight crated, No. K-1771, 420 lbs. No. K-1772, 465 lbs. No. K-1773, 480 lbs. No. K-1774, 530 lbs. No. K-1775, 410 lbs. No. K-1776, 460 lbs. No. K-1777, 510 lbs. No. K-1778, 680 lbs.

No. K-1771—Domestic Science Student's Table, 36 in. wide, without stools.
No. K-1772—Domestic Science Student's Table, 36 in. wide, 4 four-legged non-adjustable stools as shown.
No. K-1773—Domestic Science Student's Table, 36 in. wide, with non-adjustable swinging stools.
No. K-1774—Domestic Science Student's Table, 36 in. wide, with Kemco non-colliding swinging chairs.
No. K-1775—Domestic Science Student's Table, 44 in. wide, without stools.
No. K-1776—Domestic Science Student's Table, 44 in. wide, 4 four-legged non-adjustable stools as shown.
No. K-1777—Domestic Science Student's Table, 44 in. wide, with non-adjustable swinging stools.
No. K-1778—Domestic Science Student's Table, 44 in. wide, with Kemco non-colliding swinging chairs.

Add for Kemco Monel Metal Table Tops.

No. K-1779 STUDENT'S DOMESTIC SCIENCE TABLE

This table is similar to No. K-1776 shown above, except that it is a single table accommodating two students at one time.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	24 in.	32 in.	
4 drawers		11¼ in.	4 in.	16½ in.
1 double cupboard		26⅜ in.	16 in.	20 in.

Construction—Body, selected white oak; top, birch; 4 bread boards.

Finish—Body, No. 1 or No. 2 Oak. Top, natural heat resisting finish.

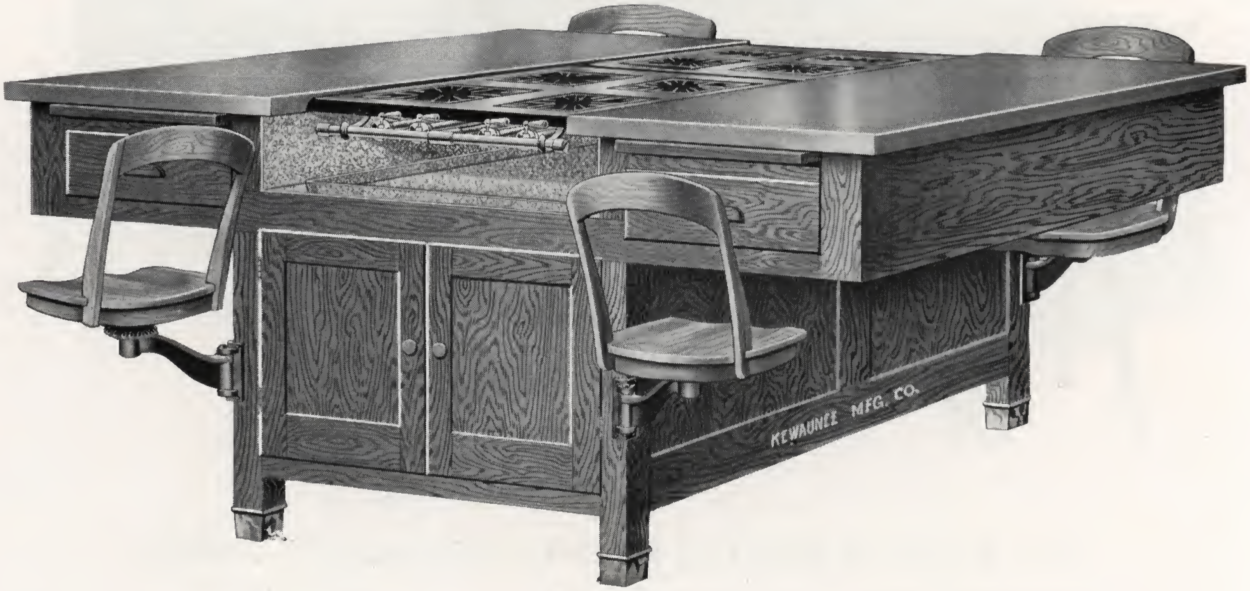
Fixtures—1 Kewaunee No. K-1857 two-burner gas stove with piping complete to floor.

Weight crated, No. K-1779, 280 lbs. No. K-1780, 300 lbs. No. K-1782, 335 lbs.

No. K-1779

No. K-1779—Student's Domestic Science Table, without stools.
No. K-1780—Student's Domestic Science Table, with 2 four-legged stools.
No. K-1781—Student's Domestic Science Table, with non-adjustable swinging stools.
No. K-1782—Student's Domestic Science Table, with Kemco non-colliding swinging chairs.

Add for Kemco Monel Metal Table Tops. Add for Locks.



No. K-1786

No. K-1786 STUDENT'S DOMESTIC SCIENCE TABLE

A Domestic Science table having flush stoves set into the top is very convenient, and the Kemco Monel Metal top used on this table makes the use of the flush stove practical, because hot pans pushed on to the table top from the stoves will not damage the Kemco Monel Metal top. Removable drip pans are provided underneath the stoves, and the two four-burner stoves provide two burners for each student. A bread or meat board is provided at each student's working space, and four large drawers and two large double cupboards provide storage space.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft. 6 in.	48 in.	32 in.	
4 drawers		13¾ in.	3¾ in.	17¾ in.
2 double cupboards		26½ in.	15⅝ in.	20 in.

Construction—Body, selected white oak; Kemco Monel Metal top; 4 bread boards; stove recess lined with galvanized iron.

Finish—Body, No. 1 or No. 2 Oak.

Fixtures—2 Kewaunee No. K-1850-A four-burner gas stoves with piping complete to floor line.

Weight crated, No. K-1783, 620 lbs. No. K-1784, 580 lbs. No. K-1785, 670 lbs. No. K-1786, 710 lbs.

No. K-1783—Student's Domestic Science Table, Kemco Monel Metal top, without chairs.
No. K-1784—Student's Domestic Science Table, wood top, without chairs.
No. K-1785—Student's Domestic Science Table, Kemco Monel Metal top, with non-adjustable swinging stools.
No. K-1786—Student's Domestic Science Table, Kemco Monel Metal top, with Kemco non-colliding swinging chairs.

No. K-1787 STUDENT'S DOMESTIC SCIENCE TABLE

This Student's Domestic Science Table is identical with No. K-1786 shown above, but is a single table accommodating two students, and provided with one four-burner flush type gas stove.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5½ ft.	24 in.	32 in.	
2 drawers		14⅛ in.	3¾ in.	16¼ in.
1 double cupboard		26½ in.	15⅝ in.	20¾ in.

Construction—Body, selected white oak; Kemco Monel Metal top; 2 bread boards; stove recess lined with galvanized iron.

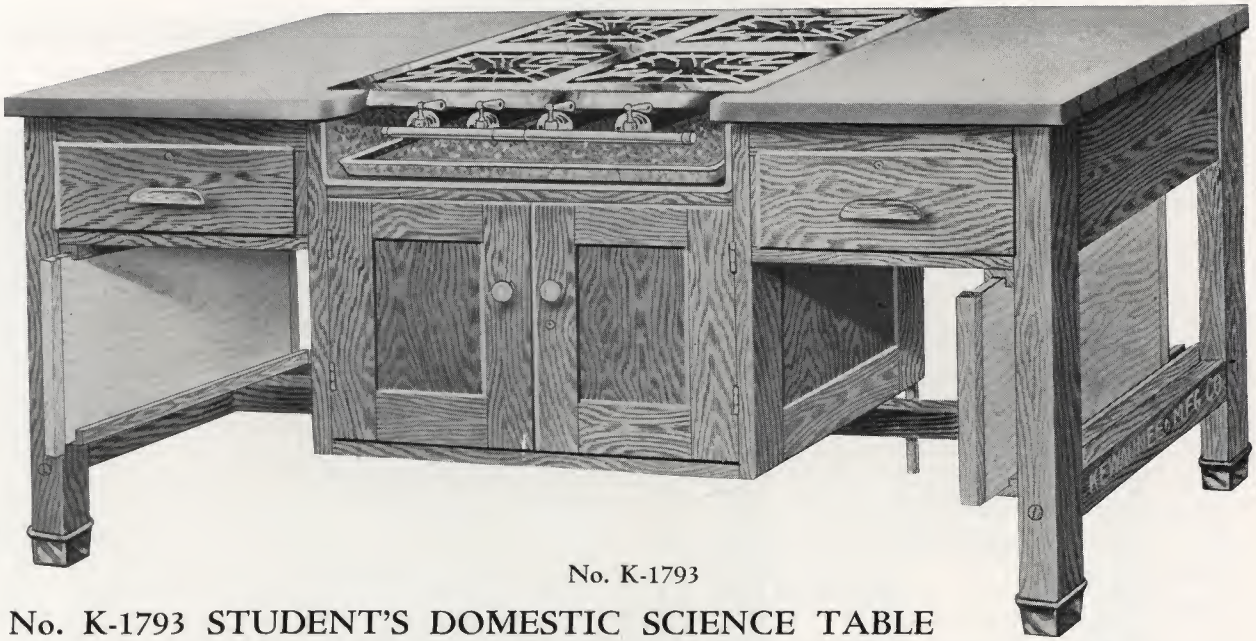
Finish—Body, No. 1 or No. 2 Oak.

Fixtures—1 Kewaunee No. K-1850-A four-burner gas stove, with piping complete to floor line.

Weight crated, No. K-1787, 360 lbs. No. K-1788, 340 lbs. No. K-1789, 390 lbs. No. K-1790, 425 lbs.

No. K-1787

No. K-1787—Student's Domestic Science Table, Kemco Monel Metal top, as illustrated.
No. K-1788—Student's Domestic Science Table, wood top, as illustrated.
No. K-1789—Student's Domestic Science Table, Kemco Monel Metal top, with non-adjustable swinging stools.
No. K-1790—Student's Domestic Science Table, Kemco Monel Metal top, with Kemco non-colliding swinging chairs.



No. K-1793

No. K-1793 STUDENT'S DOMESTIC SCIENCE TABLE

This two-student table is very attractive, and the four-legged construction makes it extremely rigid and sturdy. The four-burner gas plate provides two burners for each student, and a bread board is furnished at each student's working space as shown. The cupboard and two large drawers provide storage space.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5½ ft.	24 in.	32 in.	
2 drawers		14⅛ in.	5¼ in.	17¾ in.
1 double cupboard		27 in.	16 in.	20½ in.

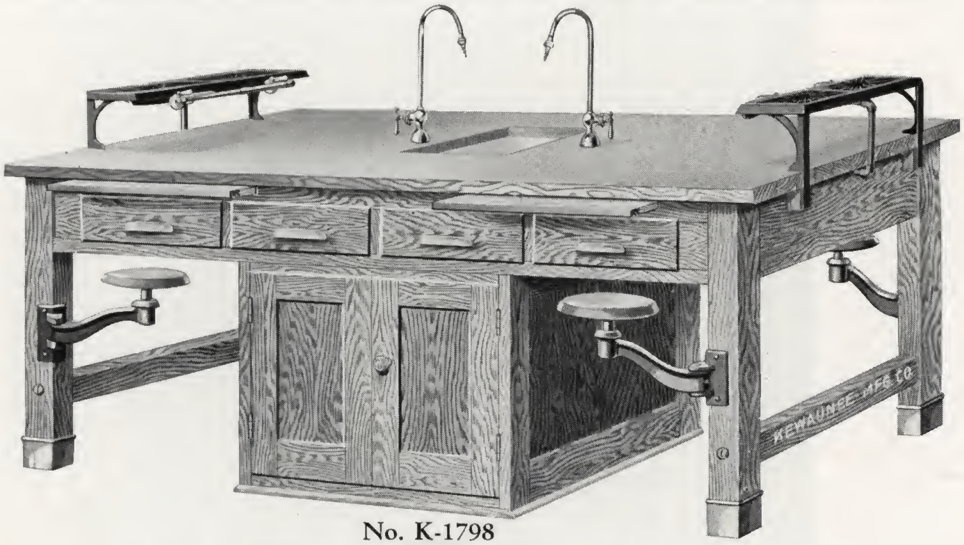
Construction—Body, selected white oak; top, birch; 2 bread boards; stove recess lined with galvanized iron.

Finish—Body, No. 1 or No. 2 Oak; top, natural heat resisting finish.

Fixtures—1 Kewaunee No. K-1850 4-burner gas stove with piping complete to floor line.

Weight crated, No. K-1793, 330 lbs.

No. K-1793—Student's Domestic Science Table, wood top, with locks.
No. K-1794—Student's Domestic Science Table, Kemco Monel Metal top, without locks.



No. K-1798

No. K-1798 DOMESTIC SCIENCE TABLE

This table is equipped with a built-in center sink for which water is supplied by two single pantry cocks. Two stoves each provide two burners and are mounted at the ends of the table. A large bread or meat board is supplied in rail of table at each student's working space. Eight large drawers in the rail and two large double cupboards provide storage space.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	42 in.	32 in.	
8 drawers		12¼ in.	3⅞ in.	14¼ in.
2 cupboards		24 in.	18½ in.	15¼ in.
1 enamel iron sink	20 in.	14 in.		6 in.

Construction—Body, white oak; top, birch; 4 bread boards.

Finish—Body, No. 1 or No. 2 Oak; top, natural heat resisting finish.

Fixtures—2 single pantry cocks for hot and cold water; 2 Kewaunee No. K-1856 gas stoves with piping complete to floor line.

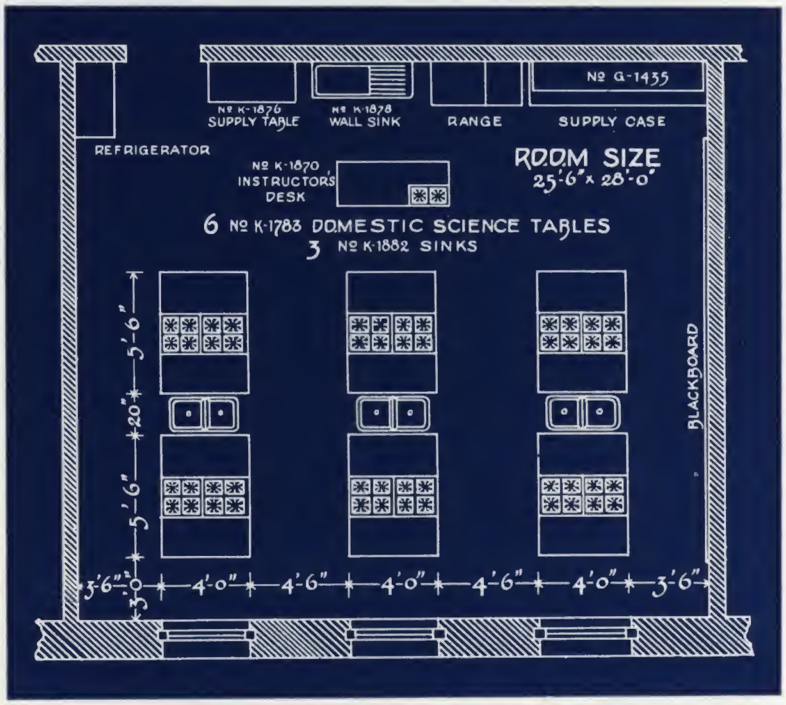
Weight crated, No. K-1798, 660 lbs. No. K-1799, 610 lbs.

No. K-1798—Domestic Science Table, with non-adjustable swinging stools.
No. K-1799—Domestic Science Table, without stools.
Add for locks.

DOMESTIC SCIENCE LABORATORY PLAN "B"

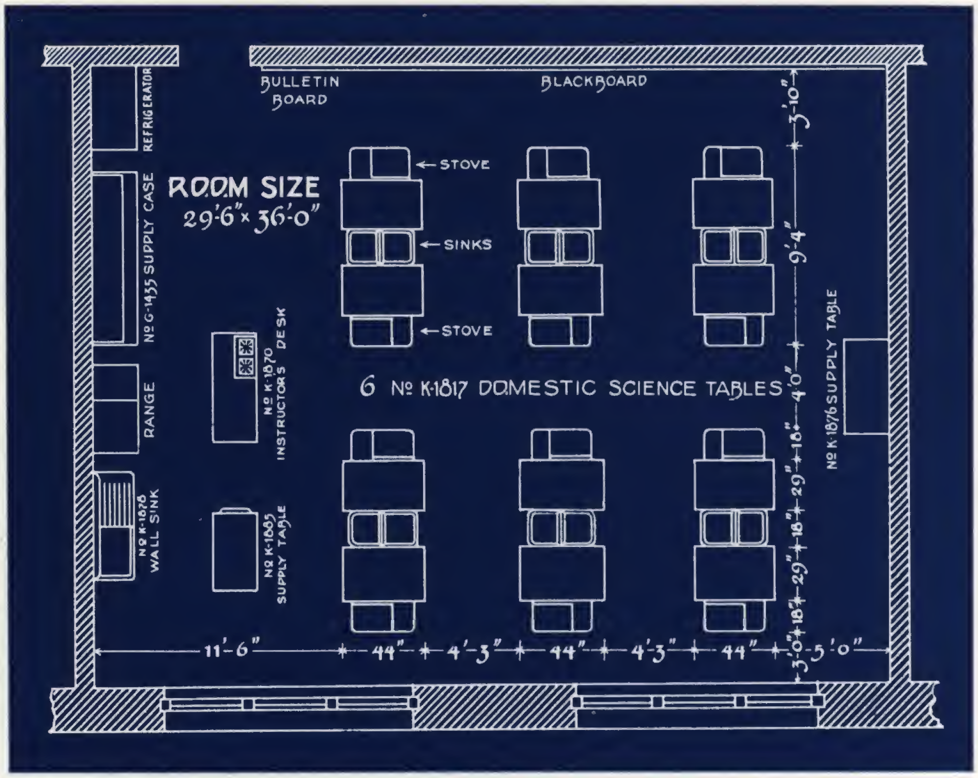
Plan "B" includes the use of 6 four-student tables equipped with flush stoves, and accommodates sections of 24 students. The double sinks used between tables are very practical and convenient. The complete list of equipment included is as follows:

- 6 No. K-1783 Domestic Science Tables.
- 3 No. K-1882 Sinks.
- 1 No. K-1870 Instructor's Table.
- 1 No. K-1878 Wall Sink.
- 1 No. K-1876 Supply Table.
- 1 No. G-1435 Supply Case.

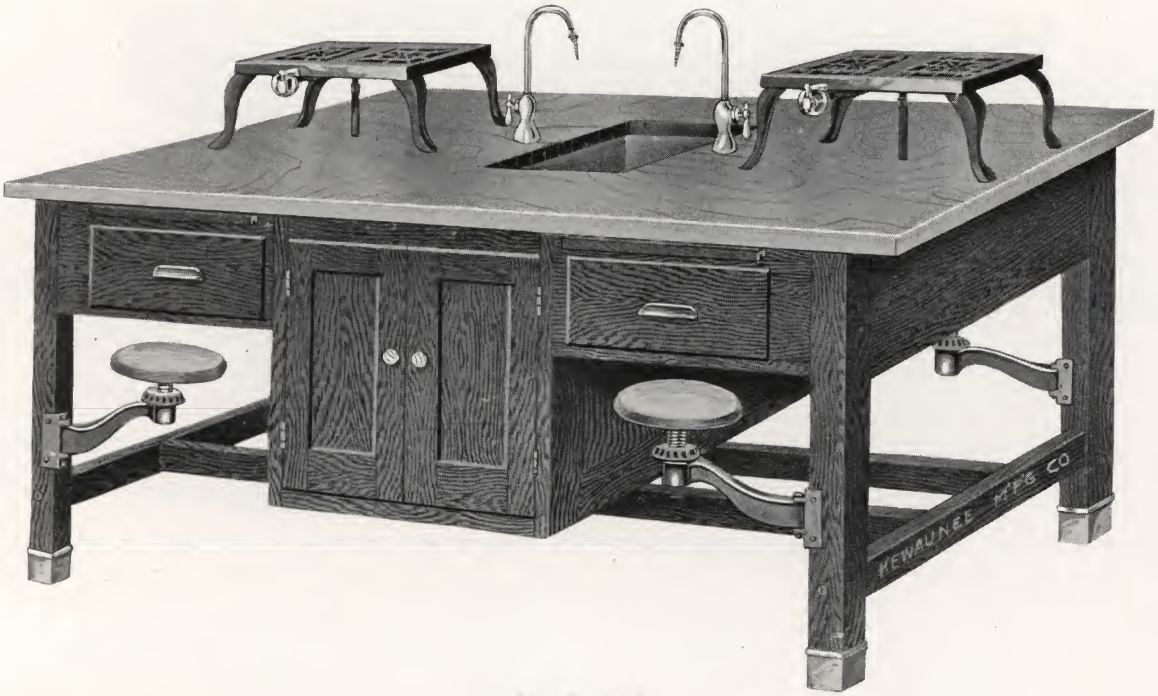


DOMESTIC SCIENCE LABORATORY PLAN "C"

The equipment shown on plan "C" is the very latest type of Domestic Science laboratory equipment. The arrangement whereby regular kitchen ranges and sinks similar to those used in home kitchens, are grouped with tables similar to those used in homes, allows the students to practice cooking on the same type of equipment that will subsequently be used in their homes. An arrangement of this kind provides the advantages of the unit kitchen idea without requiring the amount of space and equipment necessary with the unit kitchen plan. The equipment included is as follows:



- 6 No. K-1817 Domestic Science Tables.
- 1 No. K-1870 Instructor's Table.
- 1 No. K-1885 Supply Table.
- 1 No. K 1876 Supply Table.
- 1 No. K-1878 Wall Sink.
- 1 No. G-1435 Supply Case.



No. K-1805

No. K-1805 DOMESTIC SCIENCE TABLE

This extremely heavy four-legged table is very sturdy and rigid, and has a built-in sink supplied with water by two single pantry cocks. Two stoves mounted on the table top supply one burner to each of four students. Large deep drawers and a large double cupboard provide storage space. The birch top is finished natural with a heat resisting finish.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft.	42 in.	32 in.	
4 drawers		14 in.	5¼ in.	15 in.
2 double cupboards		23 in.	18¾ in.	16 in.
1 enamel iron sink	20 in.	14 in.		6 in.

Construction—Body, selected white oak; top, birch; 4 bread boards.

Finish—Body, No. 1 or No. 2 Oak; top, natural heat resisting finish.

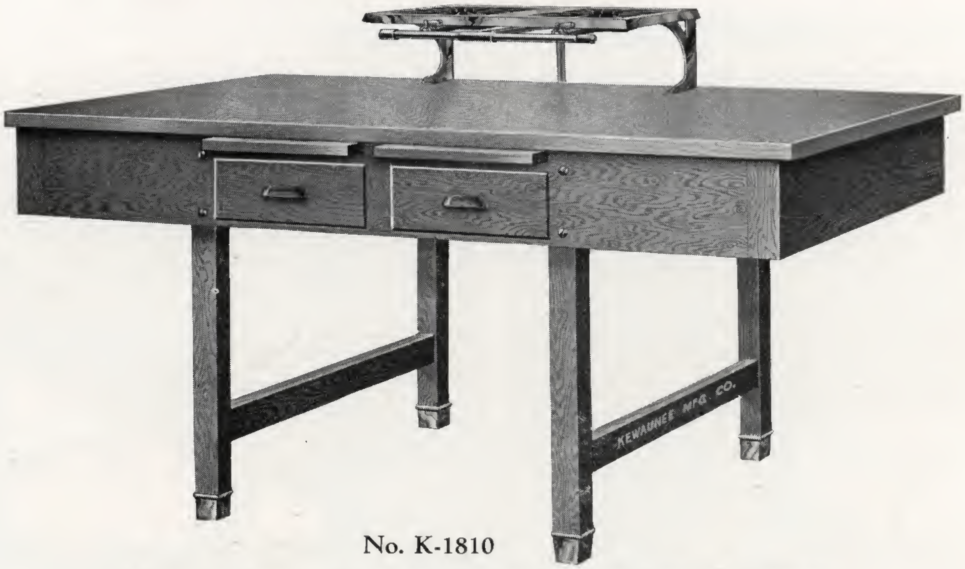
Fixtures—2 single pantry cocks for hot and cold water; 2 Kewaunee No. K-1852 2-burner gas stoves with piping complete to floor line.

Weight crated—No. K-1805, 630 lbs.; No. K-1806, 580 lbs.

No. K-1805—Domestic Science Table, with non-adjustable swinging stools.

No. K-1806—Domestic Science Table, without stools.

Add for locks.



No. K-1810

No. K-1810 DOMESTIC SCIENCE TABLE

This two-student Domestic Science table is a very inexpensive design that allows the small Domestic Science laboratory to be equipped economically. A two-burner gas stove is mounted in the rail of the table with one burner available to each student, and bread or meat boards are supplied in table rail for each student's working space. Two large drawers in rail provide storage space. The birch top is finished with a heat resisting finish.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	24 in.	32 in.	
2 drawers		11 in.	4 in.	16¾ in.

Construction—Body, selected white oak; top, birch; 2 bread boards.

Finish—Body, No. 1 or No. 2 Oak. Top, natural heat resisting finish.

Fixtures—1 Kewaunee No. K-1857 2-burner gas stove, with piping complete to floor line.

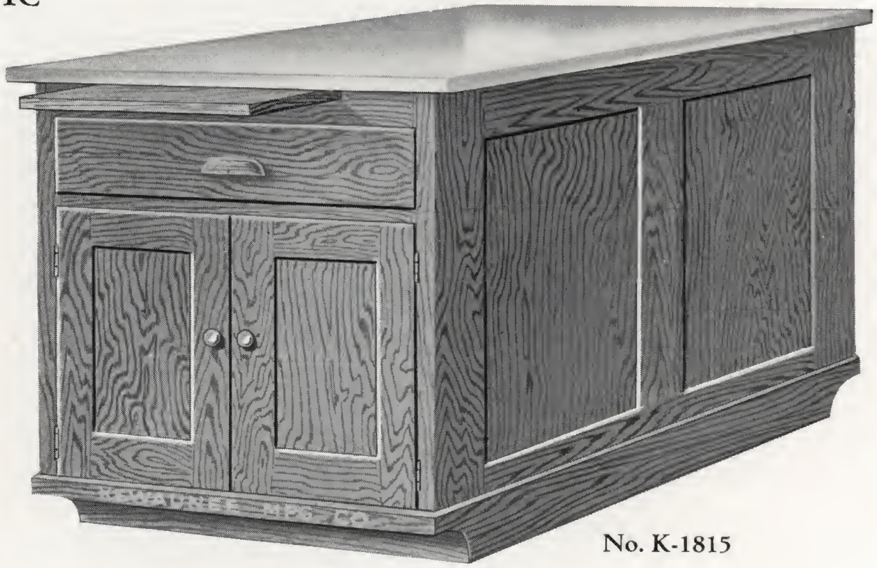
Weight crated, No. K-1810, 245 lbs.

No. K-1810—Domestic Science Table, wood top.

No. K-1811—Domestic Science Table, Kemco Monel Metal top. Add for locks.

No. K-1815 DOMESTIC SCIENCE TABLE

This table was designed to be used in connection with various combinations of stoves, ranges and sinks. One such combination is shown as No. K-1817 table on the opposite page. This unit provides two very large double cupboards, and two large drawers and has a bread or meat board in rail at each side. This Domestic Science table is advocated as standard equipment by several prominent state supervisors, and the accommodations it provides as to both storage and working surface allow the table to be used with almost any desired grouping.



No. K-1815

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	29 in.	44 in.	34 in.	
2 drawers		23¾ in.	4¼ in.	16¾ in.
2 double cupboards		25¼ in.	20 in.	18¾ in.

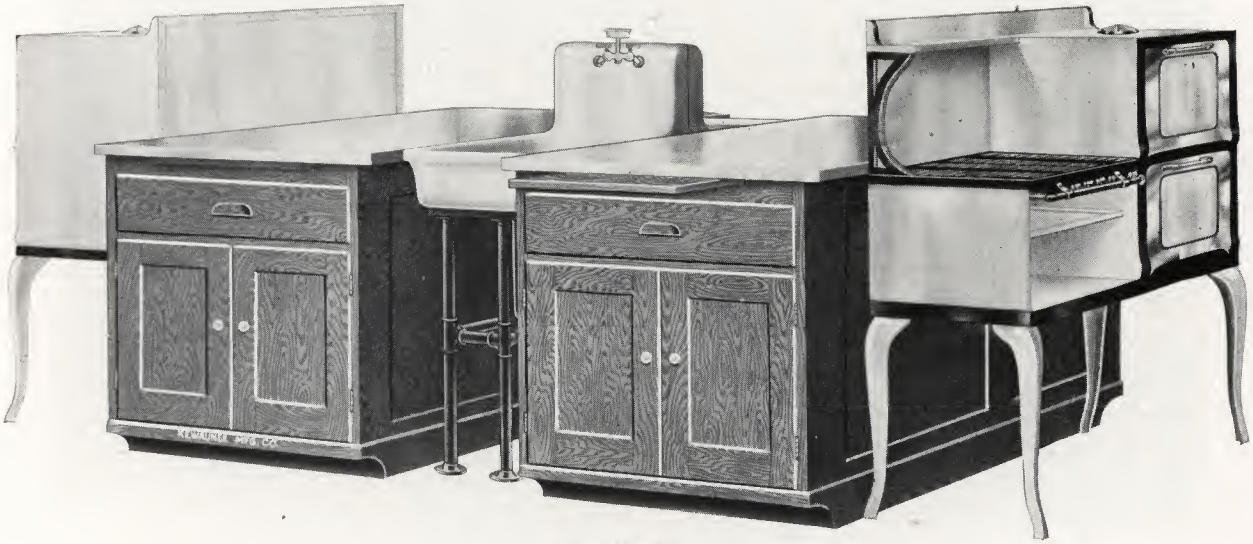
Construction—Body, selected white oak; Kemco Monel Metal top; 2 bread boards.

Finish—No. 1 or No. 2 Oak.

Weight crated, No. K-1815, 260 lbs.

No. K-1815—Domestic Science Table, Kemco Monel Metal top.

No. K-1816—Domestic Science Table, wood top. Add for locks.



No. K-1817

No. K-1817 DOMESTIC SCIENCE TABLE

This table consists of two No. K-1815 units connected with a No. K-1882 double sink. The kitchen stoves shown are not included. With this arrangement each two students have the use of a regular kitchen range and kitchen sink such as will be used in their own homes, and thus training is given on practical equipment. The four large double cupboards and drawers provide adequate storage facilities for the equipment stored in the table, and a room equipped with this arrangement of tables, sinks and stoves presents a very fine appearance. The swinging spout double faucets at the sinks are equipped with porcelain soap dishes, and the sink faucets are conveniently accessible to each student.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	6 ft. 2 in.	44 in.	34 in.	
4 drawers		23¾ in.	4¼ in.	16¾ in.
4 double cupboards		25¼ in.	20 in.	18¾ in.

Construction—Body, selected white oak; Kemco Monel Metal tops; 4 bread boards; I No. K-1882 double sink, supported on pipe supports.

Finish—No. 1 or No. 2 Oak.

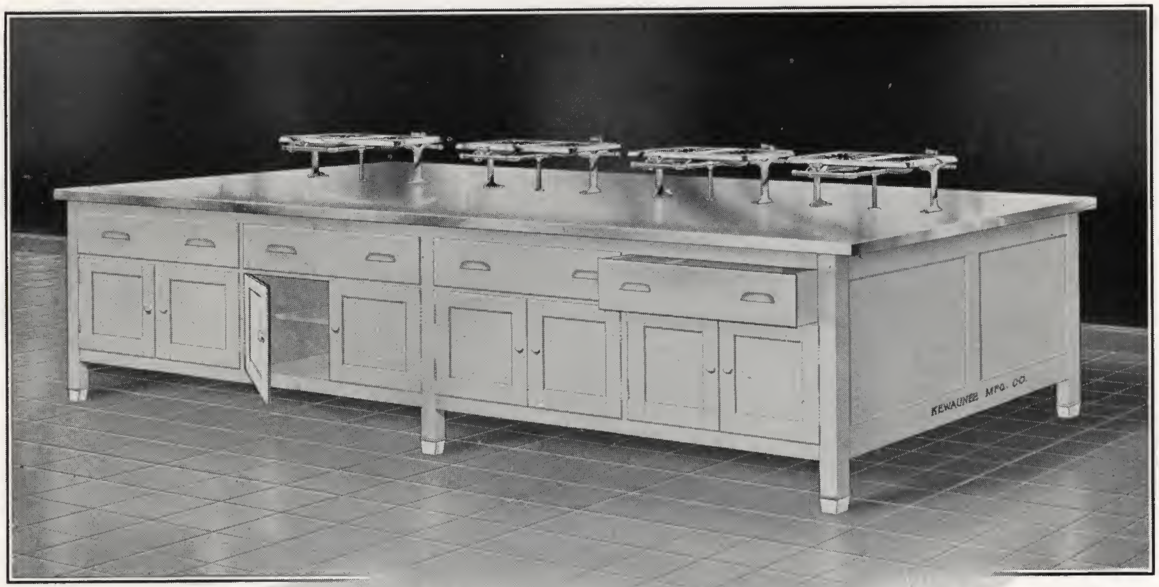
Fixtures—2 combination hot and cold water fixtures; piping complete to floor line.

Weight crated—No. K-1817, 920 lbs.

No. K-1817—Domestic Science Table, Kemco Monel Metal tops.

No. K-1818—Domestic Science Table, wood tops.

Add for locks.



No. K-1825

No. K-1825 DIETETIC TABLE

This white enameled Dietetic Table is equipped with Kemco Monel Metal top and has four nickel plated two-burner gas stoves mounted in the center of the table. The nickel plated stoves, polished Monel Metal top and white enamel finish presents an extremely fine and sanitary appearance in the hospital dietetic laboratory or kitchen. Eight students are accommodated at one time, and eight very large drawers and eight roomy double cupboards provide storage space. A three-quarter depth shelf is furnished in each cupboard. The table has the sanitary base construction which removes the cabinet work to a height of 6 inches above the floor. White porcelain iron leg sockets are provided.

SPECIFICATIONS

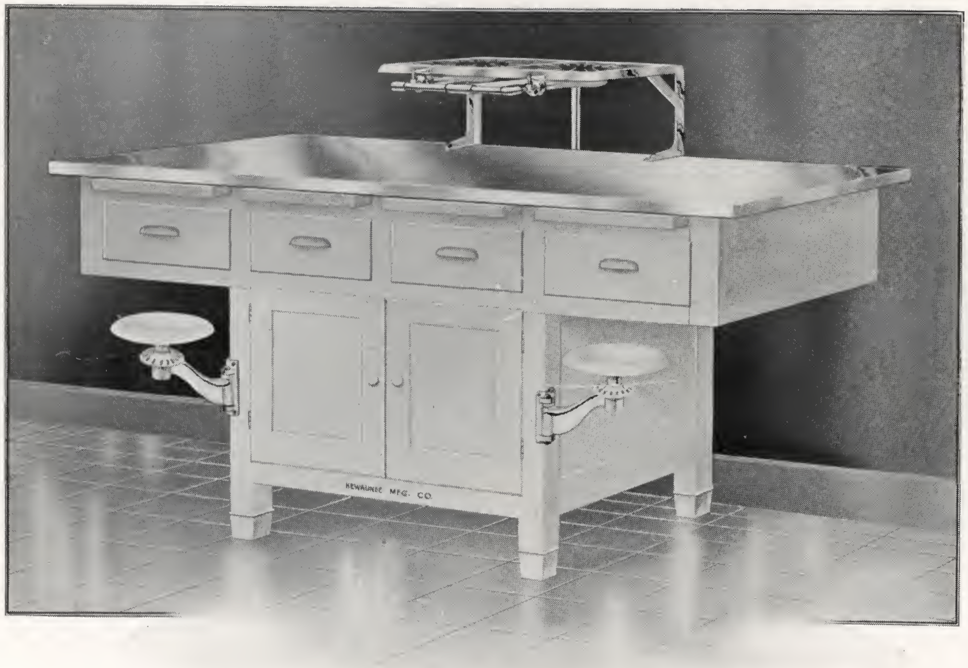
	Length	Width	Height	Depth
Overall	10 ft.	48 in.	32 in.	
8 double cupboards		27 in.	13¾ in.	26½ in.
8 drawers		25½ in.	5¼ in.	18½ in.

Construction—Body; birch; Kemco Monel Metal top; 8 bread boards.
Finish—White enamel.

Fixtures—4 Kewaunee No. K-1854 2-burner gas stoves; piping complete to floor line.

Weight crated—No. K-1825, 1130 lbs.

No. K-1825—Dietetic Table, Kemco Monel Metal top.
No. K-1826—Dietetic Table, wood top.
Add for locks.



No. K-1830

No. K-1830 DIETETIC TABLE

This two-student Dietetic Table is very heavily and substantially constructed, and the white enameled finish, Kemco Monel Metal top and nickel plated stove present an extremely attractive appearance in the hospital, laboratory or kitchen. A bread and a meat board are provided for each student, and four large drawers and one double cupboard provide storage space. The two-burner gas stove is mounted in rail of table as shown.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	24 in.	32 in.	
4 drawers		11¼ in.	4 in.	16½ in.
1 double cupboard		26⅜ in.	16 in.	20 in.

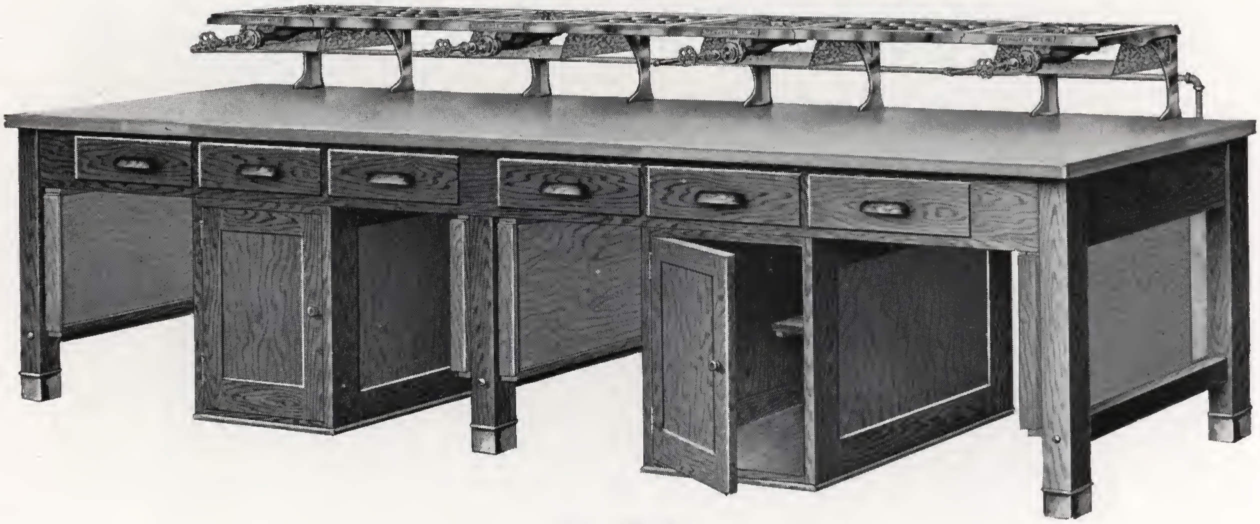
Construction—Body, birch; Kemco Monel Metal top; 4 bread boards.
Finish—White enamel.

Fixtures—1 Kewaunee No. K-1856 2-burner gas stove, piping complete to floor line.

Weight crated—No. K-1830, 325 lbs.; No. K-1831, 290 lbs.

No. K-1830—Dietetic Table, Kemco Monel Metal top, with non-adjustable stools.
No. K-1831—Dietetic Table, Kemco Monel Metal top, without stools.
No. K-1832—Dietetic Table, wood top, without stools.

Add for locks.



No. K-1834

No. K-1834 DOMESTIC SCIENCE OR DIETETIC LABORATORY TABLE

This ten foot Domestic Science or Dietetic Laboratory Table accommodates four students at one time, and provides six drawers and two cupboards for storage of equipment. Four single burner gas stoves are connected with continuous grates, and stoves and grates are nickel plated. A Kemco Monel Metal top is provided. Bread and meat boards are furnished at each student's working space as shown.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	10 ft.	30 in.	32 in.	
6 drawers		14 in.	4¼ in.	23¼ in.
2 cupboards		15½ in.	21⅝ in.	25 in.

Construction—Body, selected white oak; Kemco Monel Metal top; 4 bread boards.

Finish—No. 1 or No. 2 Oak.

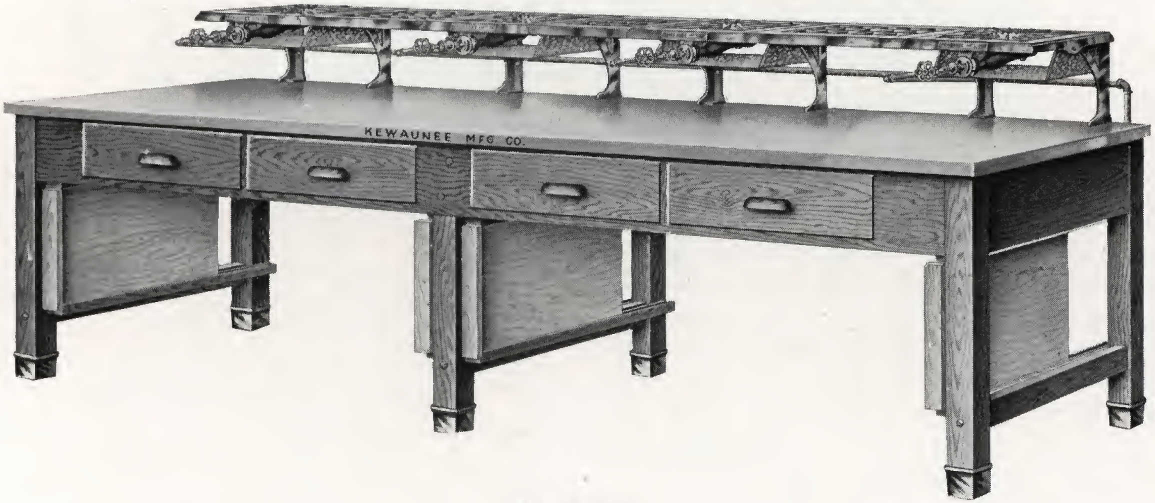
Fixtures—4 nickel plated gas stoves and grates, piping complete to floor line.

Weight crated—No. K-1834, 780 lbs.

No. K-1834—Domestic Science or Dietetic Laboratory Table, Kemco Monel Metal top.

No. K-1835—Domestic Science or Dietetic Laboratory Table, wood top.

Add for locks.



No. K-1837

No. K-1837 DOMESTIC SCIENCE OR DIETETIC LABORATORY TABLE

This 9½ ft. long table accommodates four students at one time, and provides four large drawers for storage purposes. A bread and meat board is provided at each student's working space. Four single burner gas stoves are connected with continuous grates, and stoves and grates are heavily nickel plated. A Kemco Monel Metal top is provided.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	9 ft. 6 in.	30 in.	32 in.	
4 drawers		19½ in.	5⅜ in.	20¾ in.

Construction—Body, selected white oak; Kemco Monel Metal top; 4 bread boards.

Finish—No. 1 or No. 2 Oak.

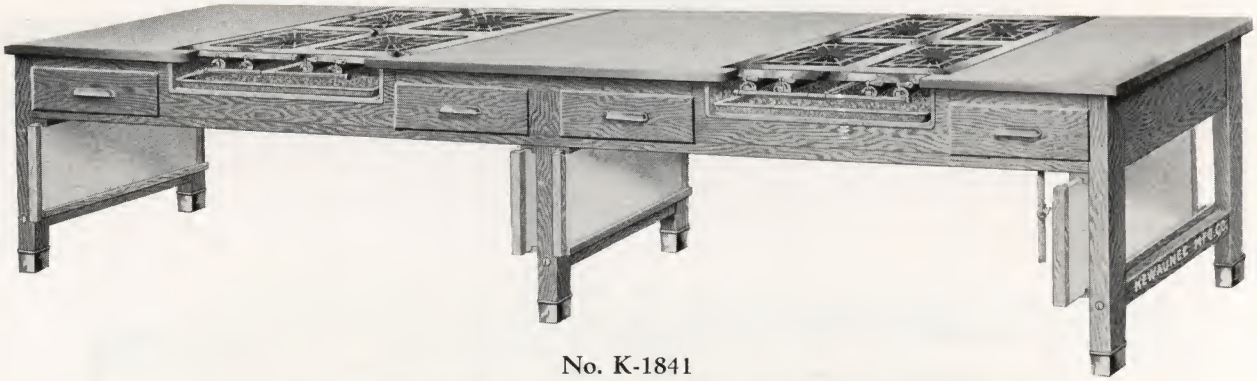
Fixtures—4 nickel plated gas stoves and grates; piping complete to floor line.

Weight crated—No. K-1837, 540 lbs.

No. K-1837—Domestic Science or Dietetic Laboratory Table, Kemco Monel Metal top.

No. K-1838—Domestic Science or Dietetic Laboratory Table, wood top.

Add for locks.



No. K-1841

No. K-1841 DOMESTIC SCIENCE OR DIETETIC LABORATORY TABLE

Two nickel plated four-burner flush stoves are used on this Domestic Science or Dietetic Laboratory Table, and a bread or meat board is provided at each student's working space as shown. Four drawers in rail supply storage space. The Kemco Monel Metal top allows hot pans and other cooking utensils to be placed on the top adjacent to the stoves without damaging the top. Removable drip trays are provided under each stove.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	10 ft. 11 in.	24 in.	32 in.	
4 drawers		14⅞ in.	5¼ in.	17¾ in.

Construction—Body, selected white oak; Kemco Monel Metal top; 4 bread boards; stove recess lined with galvanized iron.

Finish—No. 1 or No. 2 Oak.

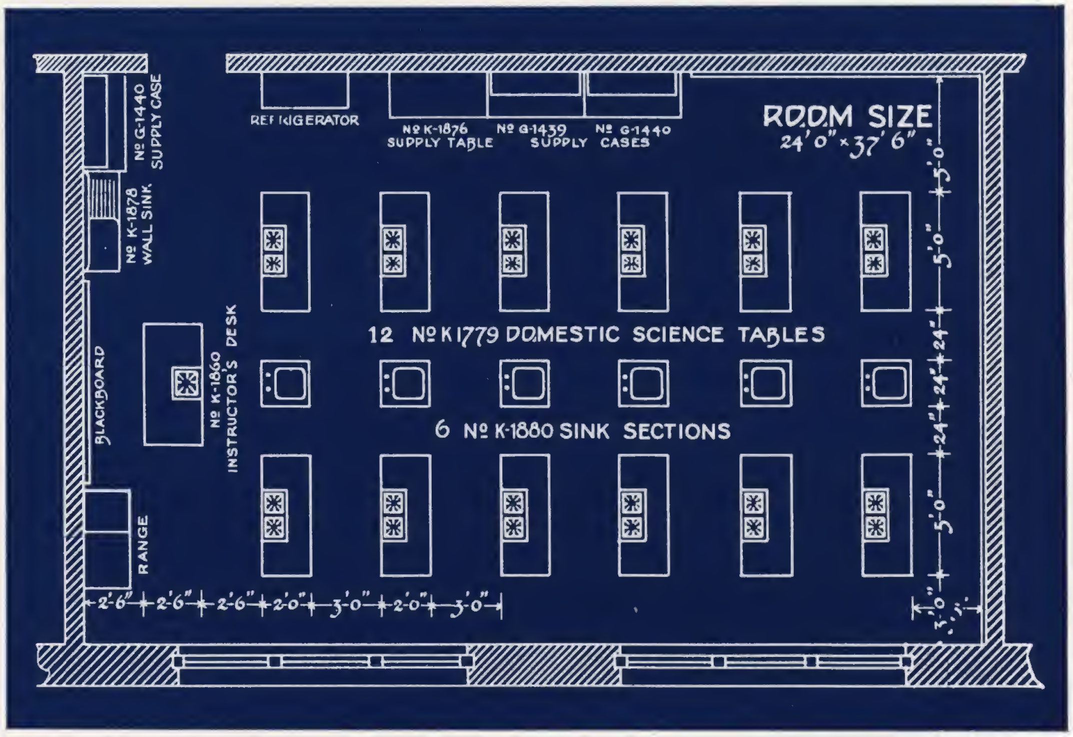
Fixtures—2 Kewaunee No. K-1850 4-burner gas stoves; piping complete to floor line.

Weight crated, No. K-1841, 680 lbs.

No. K-1841—Domestic Science or Dietetic Laboratory Table, Kemco Monel Metal top.

No. K-1842—Domestic Science or Dietetic Laboratory Table, wood top.

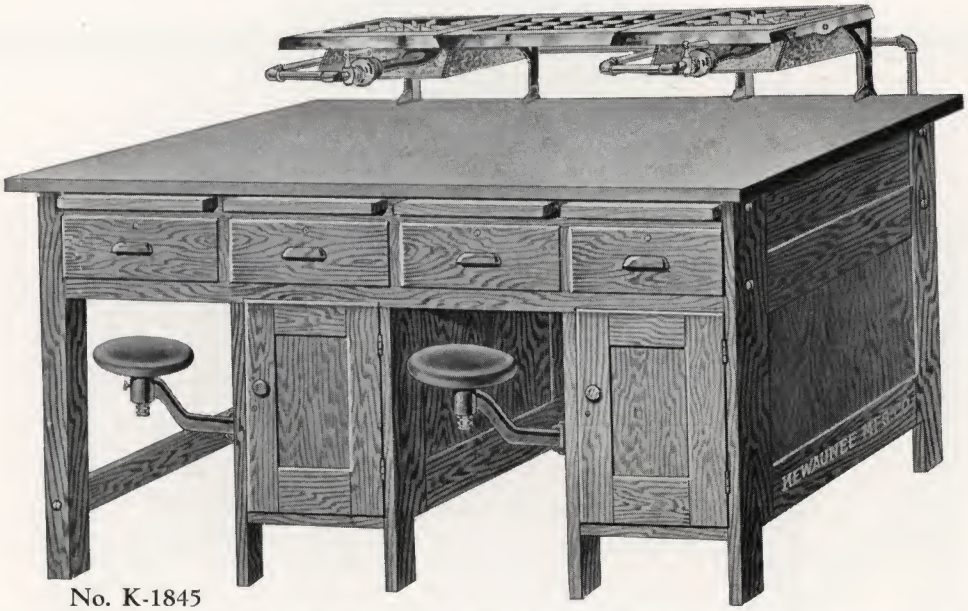
Add for locks.



DOMESTIC SCIENCE LABORATORY PLAN "D"

Twenty-four students are accommodated at one time by the 12 single two-student Domestic Science tables shown in plan "D". Each of these tables is equipped with a two-burner gas stove, and sink sections are installed between each two tables as shown. The double aisle on each side of the sink sections makes the sink accessible on all sides, and a laboratory equipped with this type of table service allows the instructor easy supervision, since all students work facing the front of the room. Complete equipment included is as follows:

12 No. K-1779 Domestic Science Tables.
6 No. K-1880 Sink Sections.
1 No. K-1860 Instructor's Table.
1 No. K-1878 Wall Sink.
2 No. G-1440 Supply Cases.
1 No. K-1876 Supply Table.
1 No. G-1439 Supply Case.


KEWAUNEE MFG. CO.

No. K-1845

No. K-1845 DOMESTIC SCIENCE OR DIETETIC LABORATORY TABLE

One bread and one meat board, two drawers and a single cupboard are provided at each student's working space in this two-student table. Two single burner gas stoves complete with heat deflectors are provided, and are connected with a continuous grate, stoves and grate being nickel plated. Recess provided allows students to be comfortably seated with chairs or with swinging stools as shown.

SPECIFICATIONS

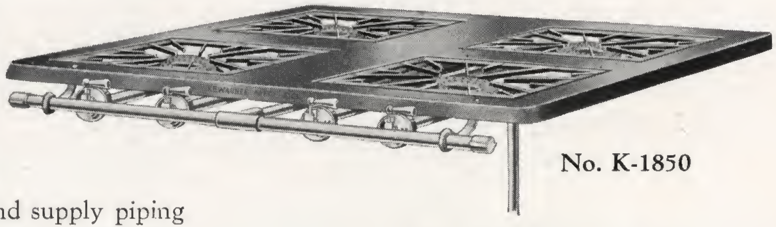
	Length	Width	Height	Depth
Overall	6 ft. 4 in.	30 in.	32 in.	
4 drawers		13 in.	3⅞ in.	20¾ in.
2 cupboards		12 in.	16 in.	26 in.

Construction—Body, selected white oak; Kemco Monel Metal top; 4 bread boards.
Finish—No. 1 or No. 2 Oak.
Fixtures—1 Kewaunee No. K-1851 2-burner gas stove; piping complete to floor line.
Weight crated, No. K-1845, 415 lbs.

No. K-1845—Domestic Science or Dietetic Laboratory Table, Kemco Monel Metal top, with non-adjustable swinging stools.
No. K-1846—Domestic Science or Dietetic Laboratory Table, wood top, with non-adjustable swinging stools.

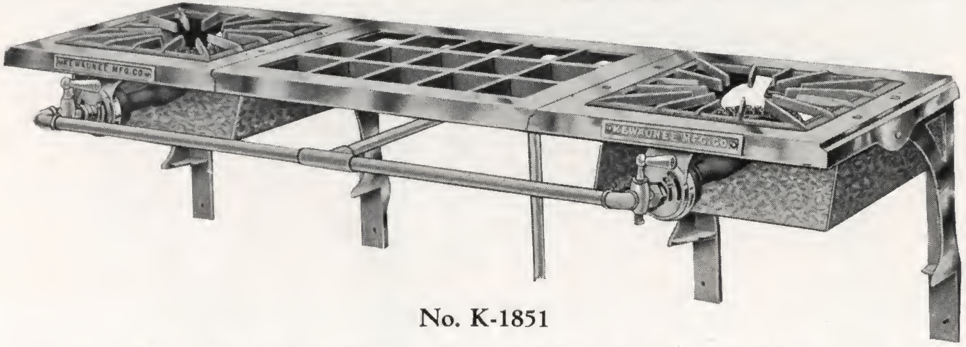
No. K-1850 FOUR-BURNER GAS STOVE

This strongly built, heavily nickel plated four-burner gas stove is so designed that burners can be lifted out of stove for cleansing without the use of tools. The cast grates are removable, and supply piping is nickel plated. Adapted to burn natural or manufactured gas, Blau gas, or any of the standard compressed gases. State requirements.


KEWAUNEE MFG. CO.

No. K-1850

Size—22½x25 in.
Weight crated—No. K-1850, 60 lbs.
No. K-1850 —Four-Burner Gas Stove, nickel plated.
No. K-1850A—Four-Burner Gas Stove, black enamel.

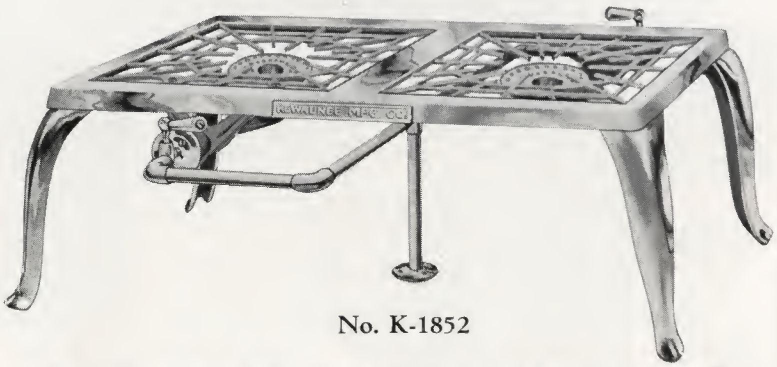

KEWAUNEE MFG. CO.
KEWAUNEE MFG. CO.

No. K-1851

No. K-1851 TWO-BURNER GAS STOVE

This very attractive nickel plated stove is provided with nickel plated brackets for mounting on ends or back of table. The connecting grate and burner grates are removable and supply piping is nickel plated. Heat deflectors are provided as shown. State kind of gas to be used.

Size—12½x43½ in.
Weight crated—No. K-1851, 65 lbs.
No. K-1851—Two-Burner Gas Stove.



No. K-1852

No. K-1852 TWO-BURNER GAS STOVE

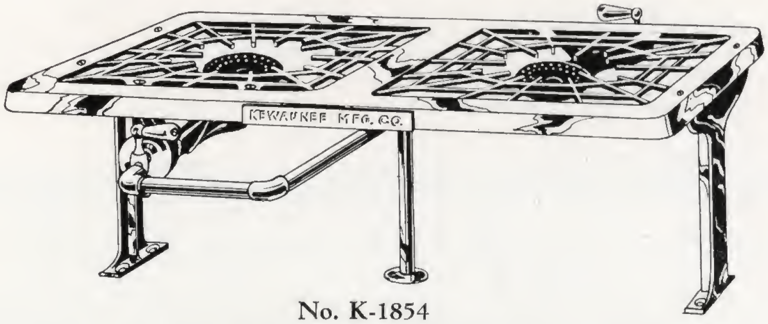
This two-burner stove is provided with four legs, and burner valves are located on opposite sides of stove.

Size—10¼x20¼ in.

Weight crated—No. K-1852, 25 lbs.

No. K-1852—Two-Burner Gas Stove, nickel plated.

No. K-1853—Two-Burner Gas Stove, black enamel.



No. K-1854

No. K-1854 TWO-BURNER GAS STOVE

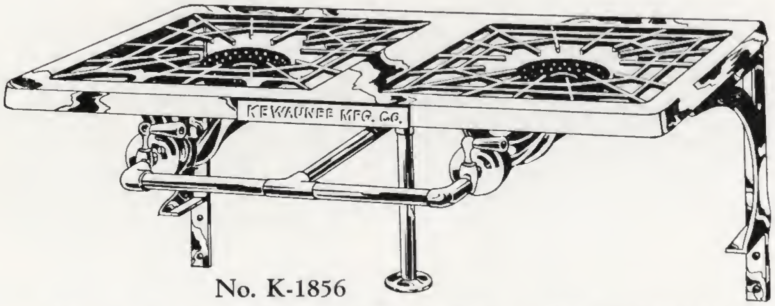
End brackets are provided to secure this stove to table tops.

Size—10¼x20¼ in.

Weight crated—No. K-1854, 25 lbs.

No. K-1854—Two-Burner Gas Stove, nickel plated.

No. K-1855—Two-Burner Gas Stove, black enamel.



No. K-1856

No. K-1856 TWO-BURNER GAS STOVE

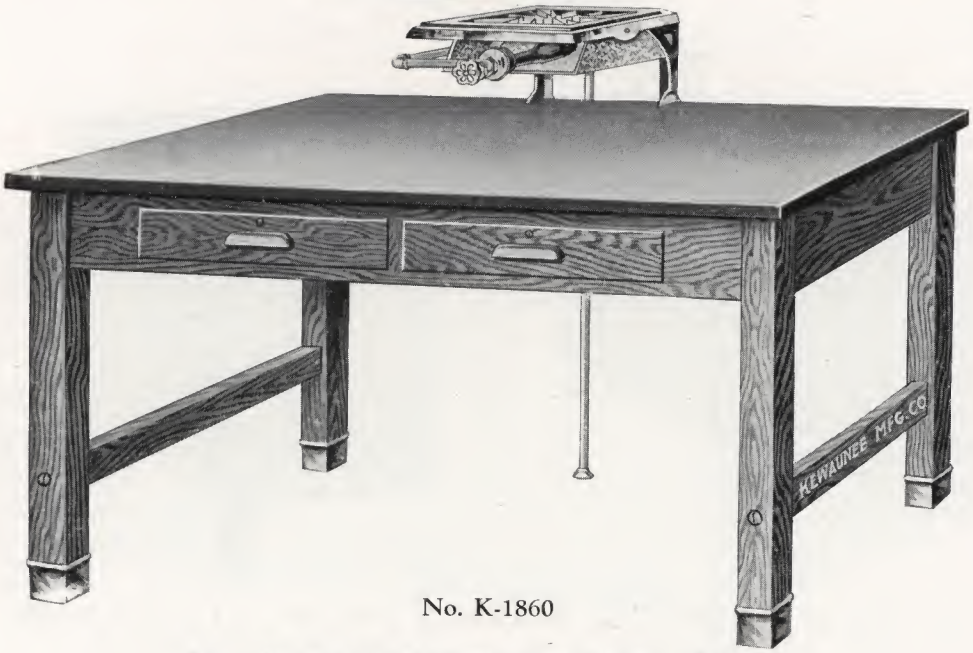
This two-burner gas stove has brackets arranged so that stove can be installed at back or end of Domestic Science Tables. Both burner valves are at the front of the stove.

Size—10¼x20¼ in.

Weight crated—No. K-1856, 25 lbs.

No. K-1856—Two-Burner Gas Stove, nickel plated.

No. K-1857—Two-Burner Gas Stove, black enamel.


KEWAUNEE MFG. CO.

No. K-1860

No. K-1860 INSTRUCTOR'S TABLE

Two private locked drawers are provided for the instructor, in this table, and a single burner nickel plated gas stove complete with heat deflector is a distinct convenience. The legs are braced with stretchers as shown, and the table is very rigid.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	30 in.	32 in.	
2 drawers		18½ in.	2¾ in.	14¼ in.

Construction—Body, selected white oak; top, birch.

Finish—Body, No. 1 or No. 2 Oak; top, natural heat resisting finish.

Fixtures—1 nickel plated single burner gas stove; piping complete to floor line.

Weight crated—No. K-1860, 200 lbs.

No. K-1860—Instructor's Table, with locks.

No. K-1861—Instructor's Table, without locks.

No. K-1864 INSTRUCTOR'S TABLE

This smaller size of instructor's table allows its use in the crowded Domestic Science laboratory or in the instructor's private office. One large drawer is provided in the rail of the table.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	42 in.	30 in.	32 in.	
1 drawer		18½ in.	2¾ in.	
1 drawer				14¼ in

Construction—Body, selected white oak; top, birch.

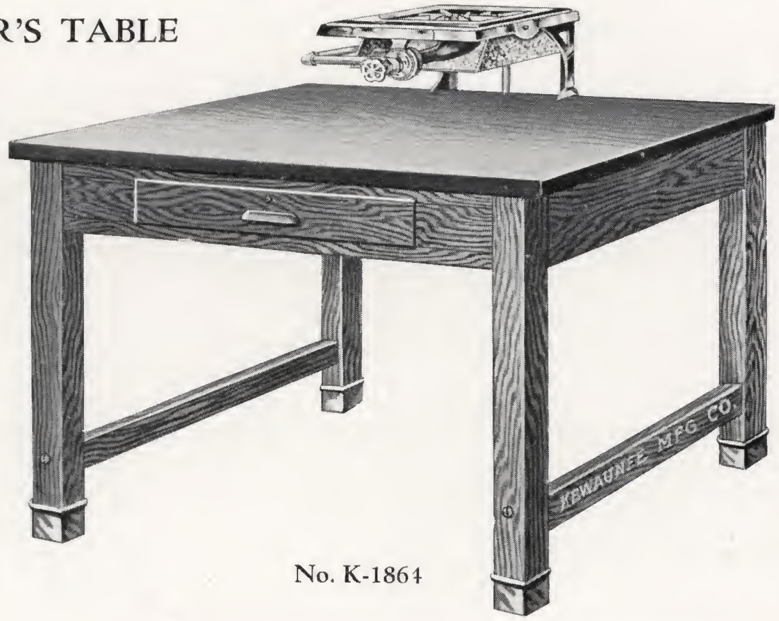
Finish—Body, No. 1 or No. 2 Oak; top, natural heat resisting finish.

Fixtures—1 nickel plated single burner gas stove; piping complete to floor line.

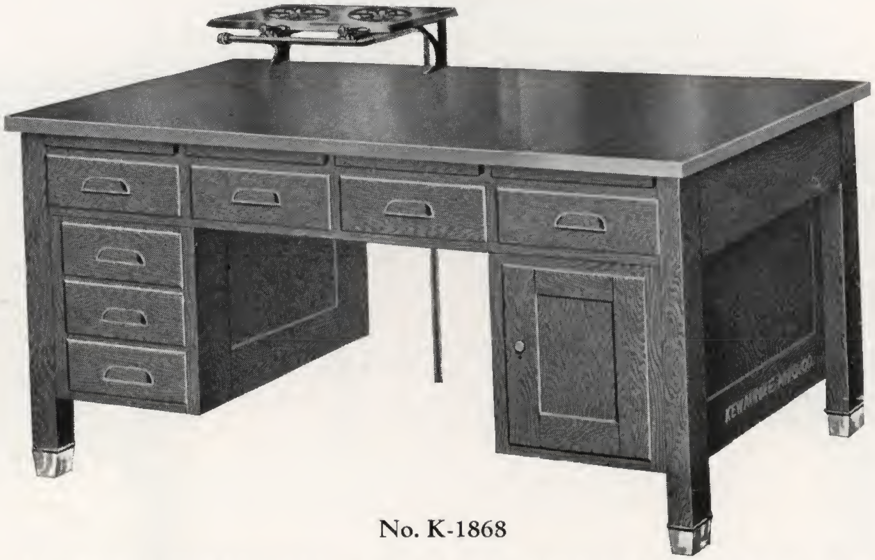
Weight crated, No. K-1864, 165 lbs.

No. K-1864—Instructor's Table, with lock.

No. K-1865—Instructor's Table, without lock.


KEWAUNEE MFG. CO.

No. K-1864



No. K-1868

No. K-1868 DOMESTIC SCIENCE INSTRUCTOR'S TABLE

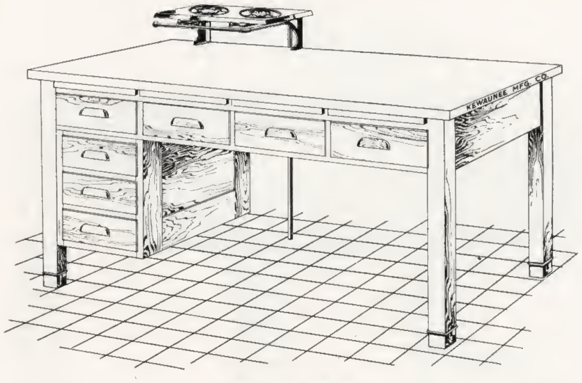
Four bread and meat boards are furnished on this Domestic Science instructor's table, and the extension of the board at either end of the table greatly increases the working surface provided by the top. Four large drawers are provided in rail, and three drawers and one cupboard are provided in the pedestal sections. A two-burner gas stove is mounted at the left hand of the rear side of the instructor's table, and the table is equipped with the Kemco Monel Metal top. This very attractive instructor's table provides adequate storage space for all of the various papers used by the Domestic Science instructor, and the table presents an extremely fine appearance.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	24 in.	32 in.	
4 drawers		11¼ in.	4¼ in.	17¼ in.
3 drawers		10⅜ in.	3¼ in.	17¼ in.
1 cupboard		11¾ in.	13½ in.	19½ in.

Construction—Body, selected white oak; Kemco Monel Metal top; 4 bread boards.
Finish—No. 1 or No. 2 Oak.

Fixtures—1 Kewaunee No. K-1856 two-burner gas stove; piping complete to floor line.
Weight crated, No. K-1868, 340 lbs.
No. K-1868—Domestic Science Instructor's Table, Kemco Monel Metal top.
No. K-1869—Domestic Science Instructor's Table, wood top.
Add for locks.

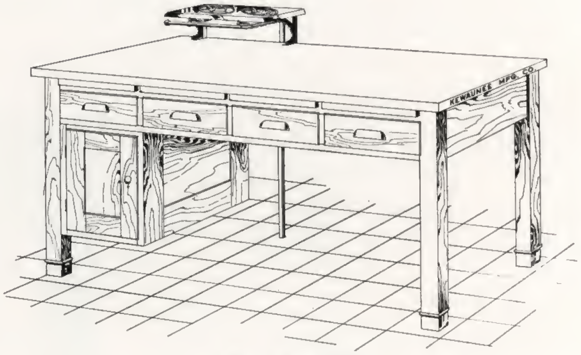


No. K-1870

No. K-1870 INSTRUCTOR'S TABLE

This table is identical with No. K-1868 illustrated above except that the right hand cupboard is omitted.

Weight crated, No. K-1870, 300 lbs.
No. K-1870—Instructor's Table, Kemco Monel Metal top.
No. K-1871—Instructor's Table, wood top.
Add for locks.

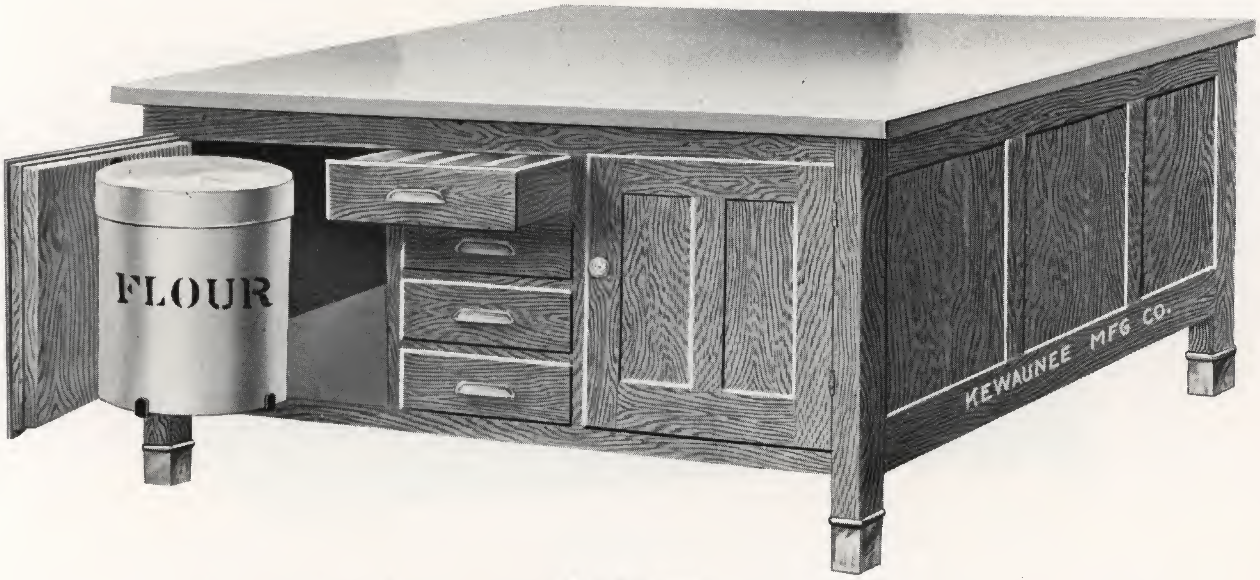


No. K-1872

No. K-1872 INSTRUCTOR'S TABLE

This Instructor's Table is identical with No. K-1868 shown above except that a cupboard pedestal only is provided on left hand end of table.

Weight crated, No. K-1872, 280 lbs.
No. K-1872—Instructor's Table, Kemco Monel Metal top.
No. K-1873—Instructor's Table, wood top.
Add for locks.



No. K-1874

No. K-1874 DOMESTIC SCIENCE SUPPLY TABLE

This double supply table has eight drawers and four large deep cupboards. The top drawer on each side is divided into compartments to accommodate silverware, and two flour containers as shown are suspended on inside of cupboard door, one on each side of table. The table is provided with the Kemco Monel Metal top.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft.	48 in.	32 in.	
8 drawers		12⅛ in.	3¾ in.	19 in.
4 cupboards		19 in.	20⅝ in.	22 in.

Construction—Body, selected white oak; Kemco Monel Metal top.

Finish—No. 1 or No. 2 Oak.

Fixtures—2 flour containers supported on brackets.

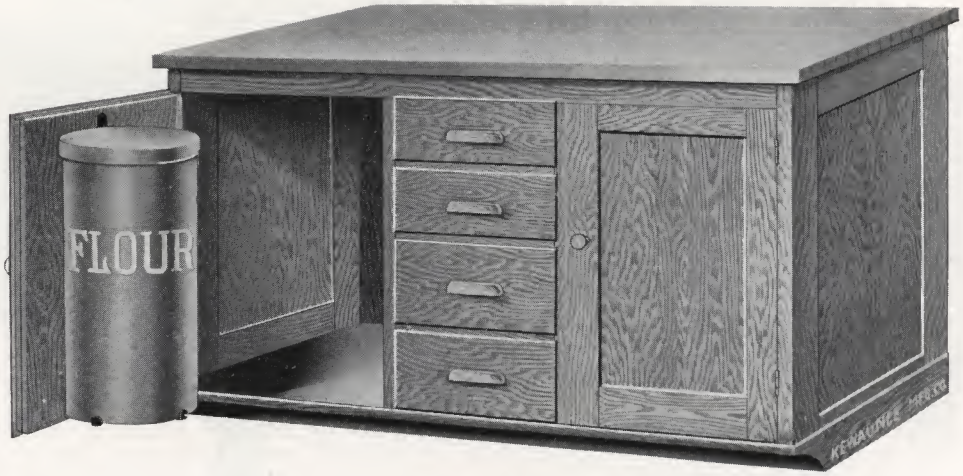
Weight crated—No. K-1874, 520 lbs.; No. K-1875, 460 lbs.

No. K-1874 —Domestic Science Supply Table, Kemco Monel Metal top, as shown.

No. K-1874A—Domestic Science Supply Table, Kemco Monel Metal top, without flour containers or brackets.

No. K-1875 —Domestic Science Supply Table, wood top, without flour containers or brackets.

Add for locks.



No. K-1876

No. K-1876 DOMESTIC SCIENCE SUPPLY TABLE

This single Domestic Science supply table has four drawers, and two large cupboards. The table is furnished either with or without the flour container shown, and the top drawer is partitioned off to take silverware. The Kemco Monel Metal top or birch wood top is furnished as desired.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	4 ft. 8 in.	25 in.	36 in.	
2 drawers		13 in.	5½ in.	18¼ in.
2 drawers		13 in.	6⅝ in.	18¼ in.
2 cupboards		18 in.	29⅛ in.	21 in.

Construction—Body, selected white oak; top, birch.

Finish—Body, No. 1 or No. 2 Oak; top, natural heat resisting finish.

Fixtures—1 flour container supported on bracket.

Weight crated—No. K-1876, 355 lbs.; No. K-1877, 300 lbs.

No. K-1876 —Domestic Science Supply Case, Kemco Monel Metal top, as shown.

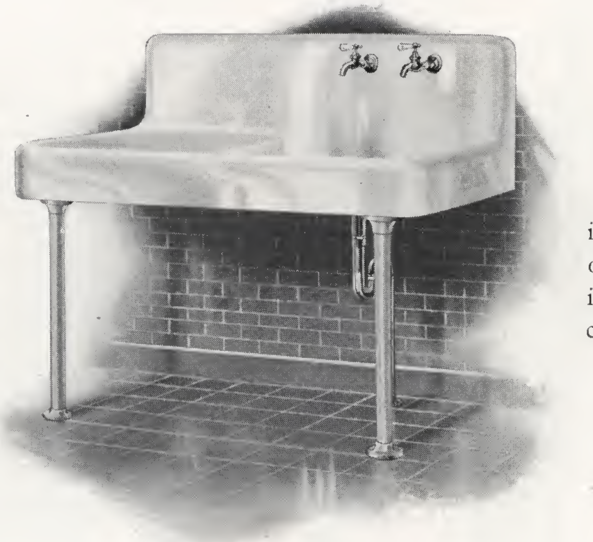
No. K-1876A—Domestic Science Supply Case, Kemco Monel Metal top, without flour container or bracket.

No. K-1877 —Domestic Science Supply Case, wood top, without flour container or bracket.

Add for locks.

No. K-1878
KITCHEN SINK

This enameled apron sink is very attractive and represents the best grade of enameled iron ware. The sink is furnished in three sizes, to meet all Domestic Science Laboratory requirments. Two white enameled pipe legs and a set of wall brackets support the sink and a hot and cold water tray bibb and nickel plated brass drain plug and "P" trap are furnished.



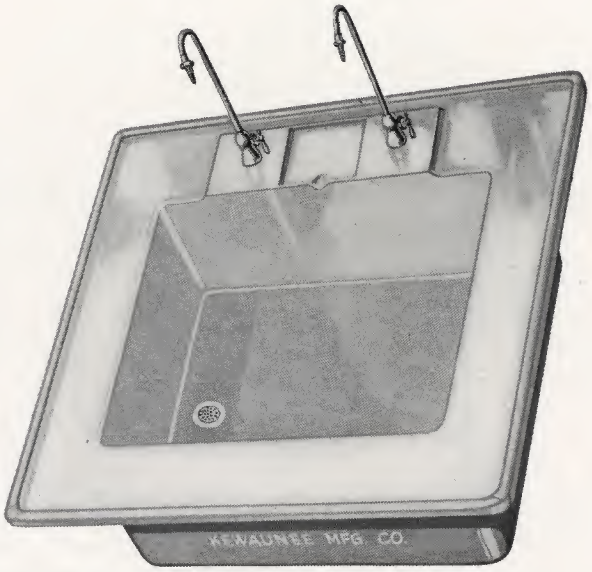
A swinging spout mixing faucet with or without soap dish, can be had in lieu of the single faucets shown, if desired.

No. K-1878

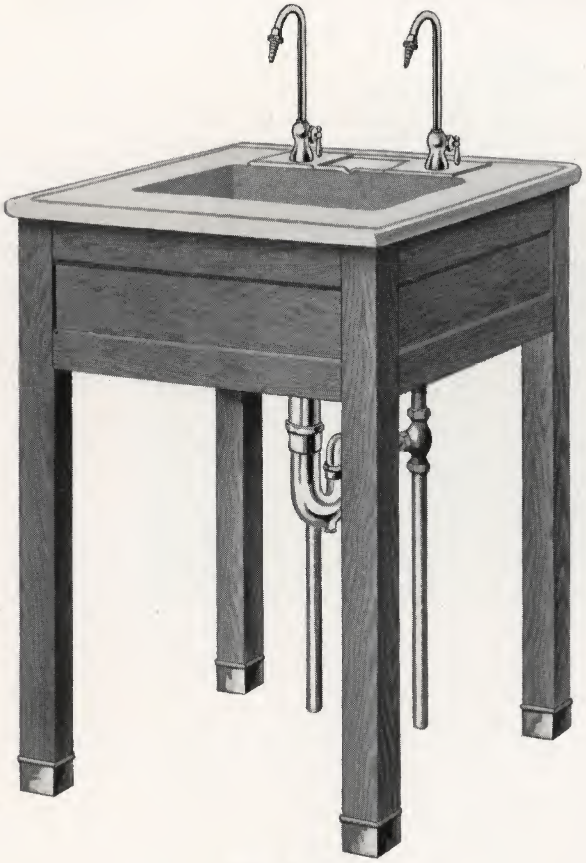
No. K-1878 Kitchen Sink	Length	Width	Depth	Height
Overall	42½ in.	20¼ in.		
Sink	22¼ in.	19 in.	5 in.	
Drainboard	20¼ in.			
Back				12 in.
No. K-1878A Kitchen Sink				
Overall	52½ in.	20¼ in.		
Sink	28¼ in.	19 in.	5 in.	
Drainboard	24¼ in.			
Back				12 in.
No. K-1878B Kitchen Sink				
Overall	60½ in.	22¼ in.		
Sink	34¼ in.	20 in.	6 in.	
Drainboard	26¼ in.			
Back				12 in.

SINK SECTIONS

These Kemco specially designed Domestic Science Laboratory sinks are very attractive and convenient. The sinks are 10 inches deep and the top is beaded around the four sides and slopes to sink. An integral soap dish is provided, between the two pantry faucets, which also drains into the sink. Sinks are very heavily enameled and are very serviceable. The sinks are furnished in two sizes: 24 by 24 inches and 30 by 30 inches and in two styles of body, a closed type and an open table type. These sink sections are free standing center type sinks and thus can be located at those points in the laboratory most convenient for the student's use.



Top View Kemco No. 1879 and No. 1880 Sinks.

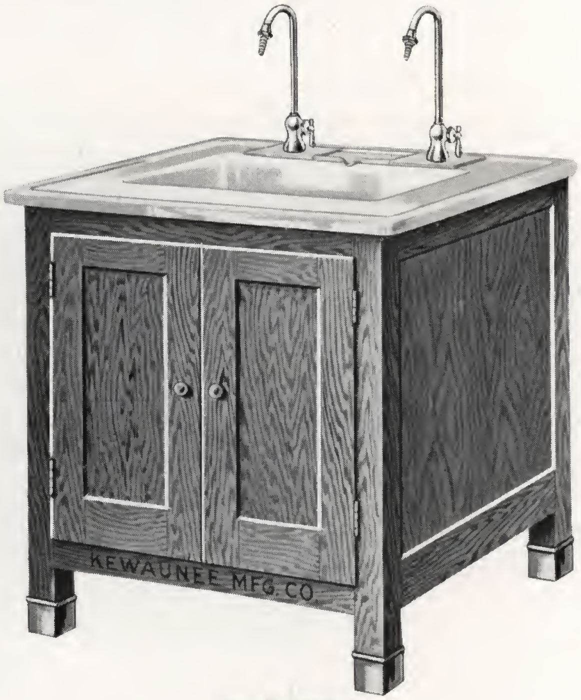


No. K-1879

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	24 in.	24 in.	32 in.	
Sink proper	18 in.	14 in.		10 in.

Construction—Body, selected white oak. Enamel Iron Sink, and top cast in one piece.
Finish—No. 1 or No. 2 Oak.
Fixtures—Two single hot and cold water pantry cocks; nickel plated brass trap and piping complete to floor.
Weight crated, No. K-1879, 250 lbs.; No. K-1879A, 310 lbs.
No. K-1879 —Sink Section, 24 x 24 inches.
No. K-1879A—Sink Section, 30 x 30 inches.


KEWAUNEE MFG. CO.

No. K-1880-A

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	30 in.	30 in.	32 in.	
Sink proper	24 in.	20 in.		10 in.

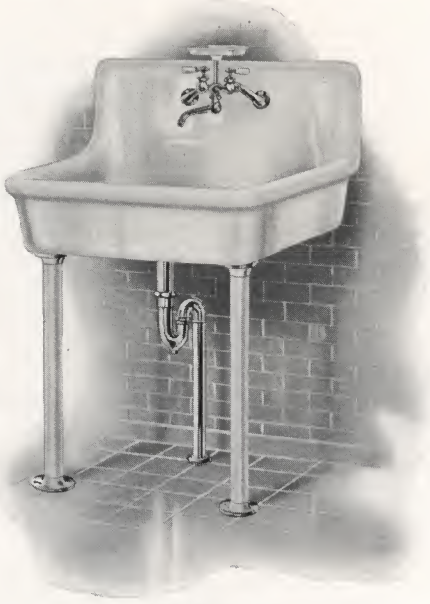
Construction—Body selected white oak. Enamel Iron Sink and top cast in one piece. Double doors effectively hide plumbing and provide space for storage purposes.
Finish—No. 1 or No. 2 Oak.
Fixtures—Two single hot and cold water pantry cocks; nickel plated brass trap and piping complete to floor.
Weight crated, No. K-1880, 280 lbs.
No. K-1880A, 380 lbs.
No. K-1880 —Sink Section, 24 x 24 inches.
No. K-1880A—Sink Section, 30 x 30 inches.

No. K-1881C PORCELAIN KITCHEN SINK

This sink is furnished in the highest grade porcelain or in enameled iron. A swinging spout hot and cold water faucet complete with removable porcelain soap dish, and a nickel plated brass "S" trap is provided. The sink is supported on white enamel pipe legs and wall brackets.

SPECIFICATIONS

		Length	Width	Height Back	Depth
K-1881	Enamel Iron	16 in.	16 in.	12 in.	5½ in.
K-1881A	Enamel Iron	18 in.	30 in.	12 in.	5½ in.
K-1881C	Porcelain	24 in.	22 in.	9 in.	5½ in.
K-1881D	Porcelain	30 in.	22 in.	9 in.	5½ in.



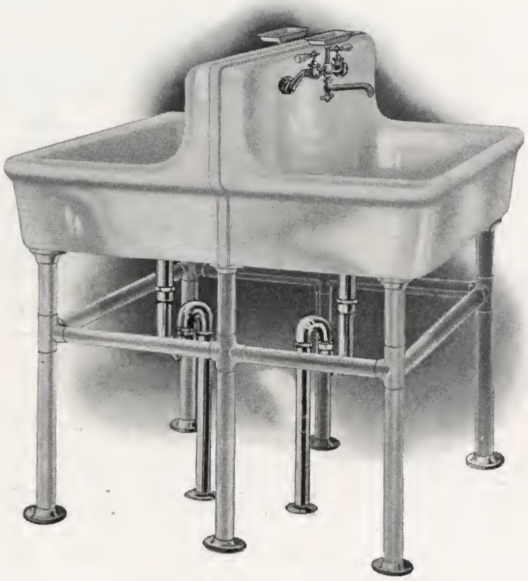
No. K-1881C

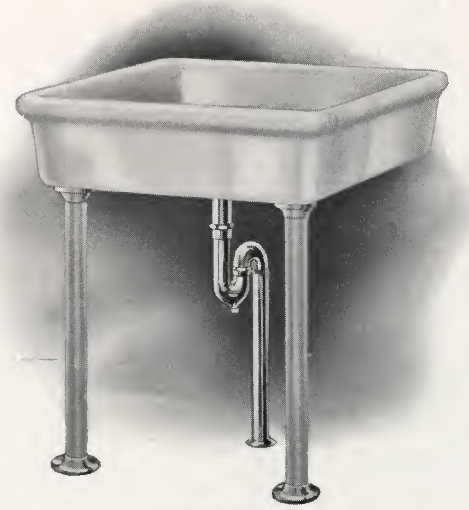
No. K-1882A PORCELAIN SINK

This double free standing sink is designed for use between tables, or in center aisles in the Domestic Science Laboratory. A swinging spout hot and cold water faucet complete with soap dish is provided for each sink and the sinks are mounted on a white enamel pipe leg frame. Nickel plated brass "S" traps are provided. This double sink is furnished in porcelain or enameled iron, as desired.

SPECIFICATIONS

	Length	Width	Back Height	Depth
K-1882 Enameled Iron	16 in.	16 in.	12 in.	5½ in.
K-1882A Enameled Iron	18 in.	30 in.	12 in.	5½ in.
K-1882B Porcelain	24 in.	22 in.	9 in.	5½ in.
K-1882C Porcelain	30 in.	22 in.	9 in.	5½ in.


No. K-1882C


No. K-1883

No. K-1883 PORCELAIN KITCHEN SINK

This kitchen sink is designed for use where a high back is not required. The sink is furnished in porcelain only, no supply fittings are included. Two white enameled pipe legs and a set of brackets support the sink against the wall or end of the table.

SPECIFICATIONS

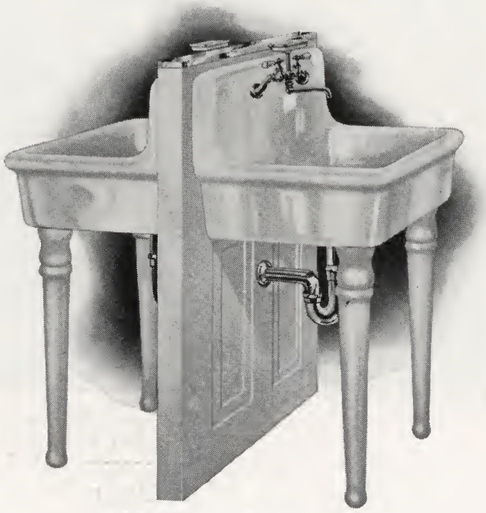
	Length	Width	Depth
K-1883 Porcelain	24 in.	17 in.	5½ in.
K-1883A Porcelain	30 in.	20 in.	5½ in.
K-1883B Porcelain	36 in.	23 in.	5½ in.

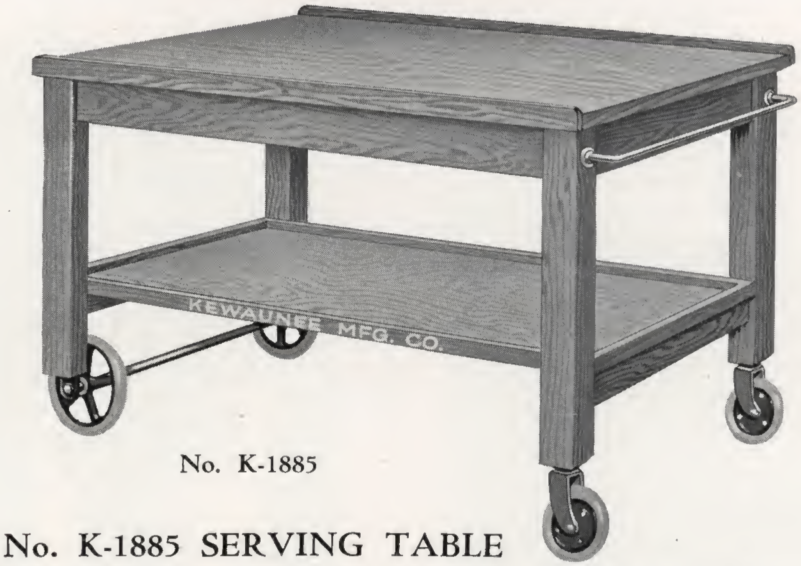
No. K-1884C PORCELAIN DOUBLE KITCHEN SINK

This is our most attractive sink combination, and supply piping and drain lines are concealed in the white enameled wood panel center member. Porcelain legs support the front of the sinks. Two swinging spout hot and cold water mixing faucets complete with removable porcelain soap dishes are provided, and the traps are nickel plated brass. The use of this sink combination, makes an extremely attractive laboratory.

SPECIFICATIONS

	Length	Width	Back Height	Depth
K-1884 Enameled Iron	16 in.	16 in.	12 in.	5½ in.
K-1884A Enameled Iron	18 in.	30 in.	12 in.	5½ in.
K-1884B Porcelain	24 in.	22 in.	9 in.	5½ in.
K-1884C Porcelain	30 in.	22 in.	9 in.	5½ in.


No. K-1884B



No. K-1885

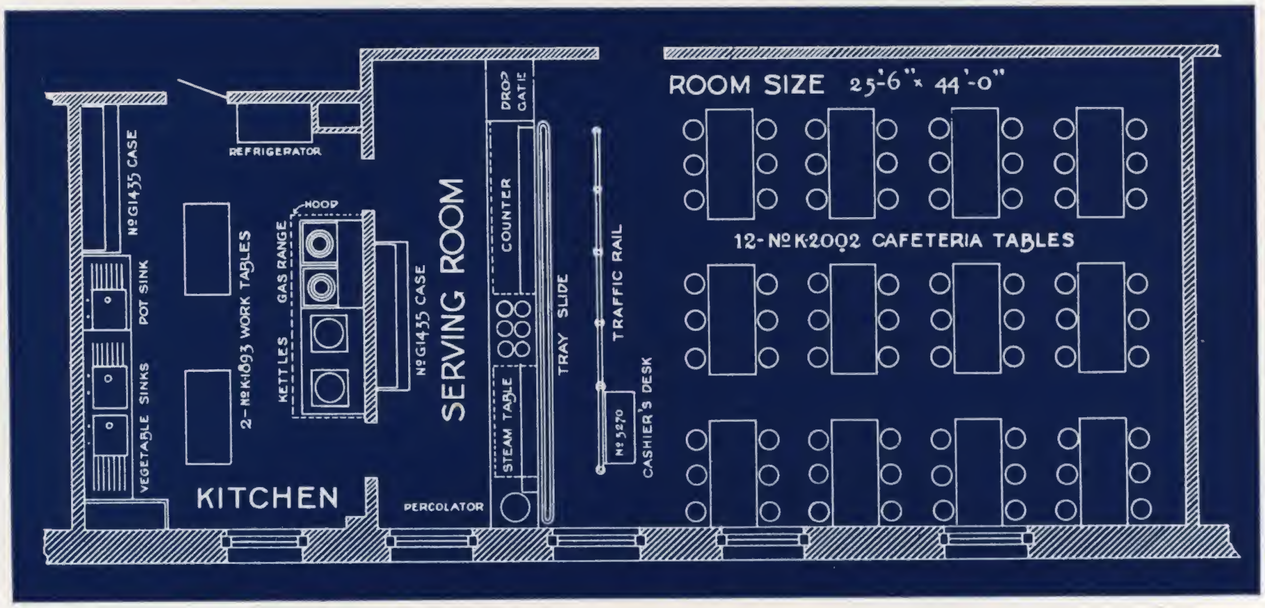
No. K-1885 SERVING TABLE

The large rubber tired front and rubber tired swivel rear wheels on this Serving Table allow it to be used conveniently in a very crowded space. A nickel plated brass handle is provided at the end for pushing, as shown and the entire serving table is built of carefully selected quarter sawed white oak. The bottom tray is removable.

SPECIFICATIONS

	Length	Width	Height
Overall	36 in.	24 in.	30 in.
Tray	34 in.	18 in.	

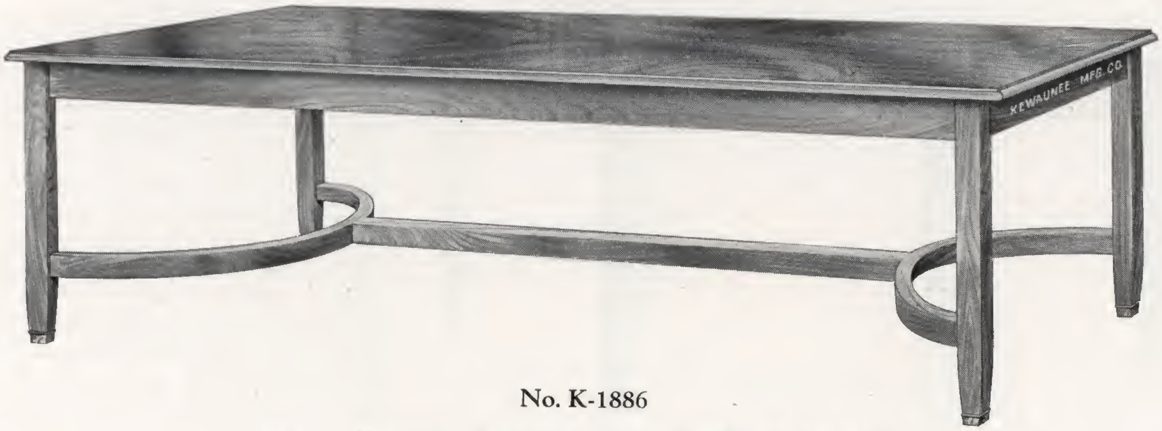
Construction—Selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. K-1885, 190 lbs.
No. K-1885—Serving Table.



CAFETERIA FLOOR PLAN "A"

Seventy-two persons are accommodated by the equipment layout Plan "B". This layout is designed to meet the requirements of the smaller schools. The complete furniture equipment included is as follows:

12 No. K-2002 Cafeteria Tables.
2 No. G-1435 Cases.
1 No. 5270 Cashier's Desk.
2 No. K-1893 Work Tables.

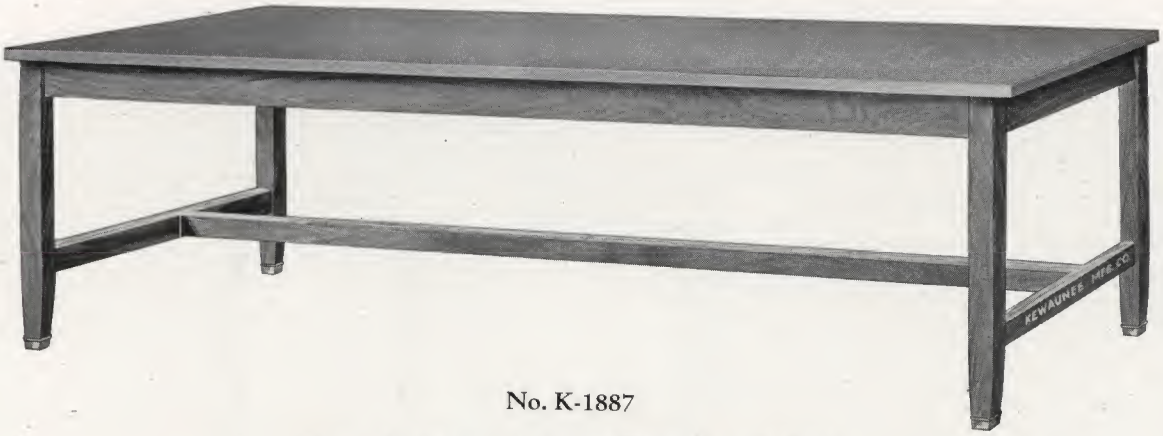


No. K-1886

No. K-1886 DINING ROOM TABLE

This very beautiful solid black walnut dining room table is designed for use where a model home dining room is provided in connection with the home economics department. This table conveniently seats six persons.

Finish—Walnut.
Weight crated, No. K-1886, 230 lbs.
No. K-1886—Dining Room Table, 6 ft. long by 30 inches wide.



No. K-1887

No. K-1887 CAFETERIA TABLE

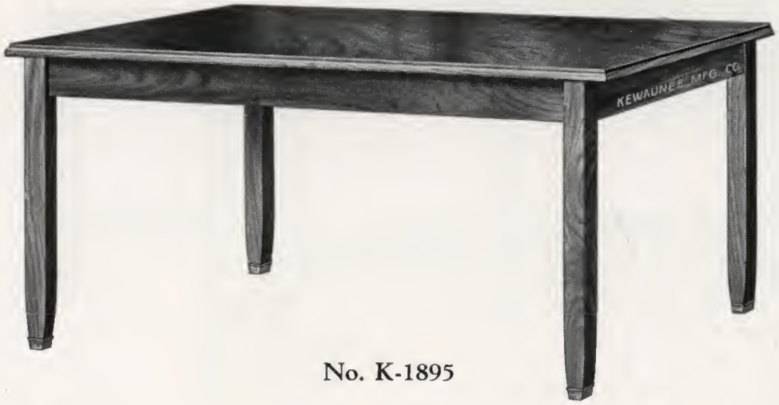
This Cafeteria Table is constructed of birch and is very solidly built. The legs are tapered and provided with neat metal leg sockets. The table is securely braced with leg stretchers as shown and the top is 7/8 inch thick, selected birch.

Finish—No. 1 or No. 2 Oak.
Weight crated—No. K-1887, 260 lbs.; No. K-1888, 230 lbs.; No. K-1889, 200 lbs.; No. K-1890, 170 lbs.; No. K-1891, 140 lbs.; No. K-1892, 120 lbs.

No. K-1887—Cafeteria Table, 8 ft. long by 30 inches wide.
No. K-1888—Cafeteria Table, 6 ft. long by 30 inches wide.
No. K-1889—Cafeteria Table, 5 ft. long by 30 inches wide.
No. K-1890—Cafeteria Table, 48 inches long by 30 inches wide.
No. K-1891—Cafeteria Table, 36 inches long by 36 inches wide.
No. K-1892—Cafeteria Table, 30 inches long by 30 inches wide.

No. K-1893
CAFETERIA AND DINING ROOM TABLE

This very sturdy Cafeteria and Dining Room table is provided with a very attractive wood top, finished to match the table and the table is built of solid oak throughout. The legs are tapered and provided with attractive leg sockets.



No. K-1895

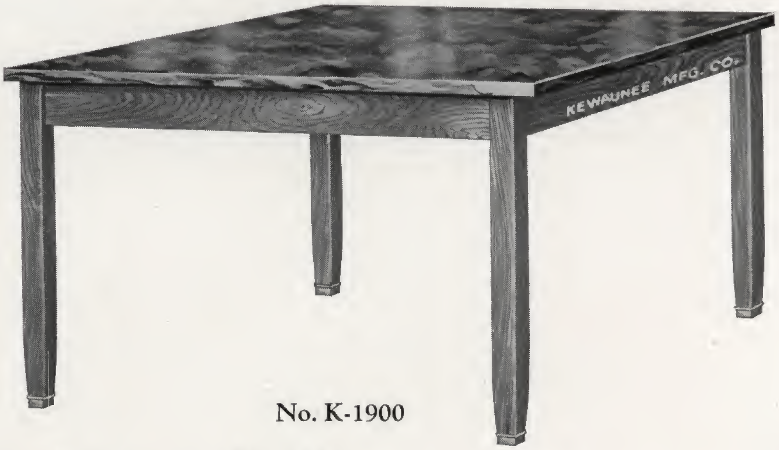
Finish—No. 1 or No. 2 Oak.

Weight crated—No. K-1893, 160 lbs.; No. K-1894, 190 lbs.; No. K-1895, 140 lbs.; No. K-1896, 120 lbs.; No. K-1897, 100 lbs.; No. K-1898, 90 lbs.

No. K-1893—Cafeteria and Dining Room Table, 42 in. long by 42 in. wide.
No. K-1894—Cafeteria and Dining Room Table, 6 ft. long by 30 in. wide.
No. K-1895—Cafeteria and Dining Room Table, 5 ft. long by 30 in. wide.
No. K-1896—Cafeteria and Dining Room Table, 48 in. long by 30 in. wide.
No. K-1897—Cafeteria and Dining Room Table, 36 in. long by 36 in. wide.
No. K-1898—Cafeteria and Dining Room Table, 30 in. long by 30 in. wide.

No. K-1900
CAFETERIA TABLE

This table is provided with a non absorbent rubber composition top that presents a very attractive appearance, never requires refinishing, is easily kept clean and is used without table linen. The table is strongly built of carefully selected oak and has tapered legs, which are provided with attractive metal leg sockets.



No. K-1900

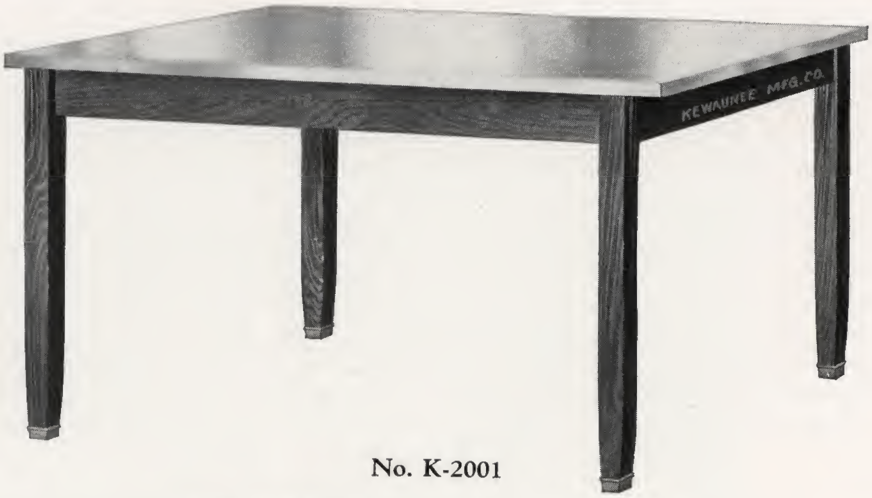
Finish—Body, No. 1 or No. 2 Oak.

Weight crated—No. K-1900, 160 lbs.; No. K-1901, 190 lbs.; No. K-1902, 140 lbs.; No. K-1903, 120 lbs.; No. K-1904, 110 lbs.; No. K-1905, 100 lbs.

No. K-1900—Cafeteria Table, 42 in. long by 42 in. wide.
No. K-1901—Cafeteria Table, 6 ft. long by 30 in. wide.
No. K-1902—Cafeteria Table, 5 ft. long by 30 in. wide.
No. K-1903—Cafeteria Table, 48 in. long by 30 in. wide.
No. K-1904—Cafeteria Table, 36 in. long by 36 in. wide.
No. K-1905—Cafeteria Table, 30 in. long by 30 in. wide.

No. K-2000
CAFETERIA TABLE

The beautiful Vitrolite Top with which this Cafeteria Table is equipped, does not require the use of a cover and is easily kept clean and always remains attractive. The table is selected birch, very solidly built and has tapered legs provided with attractive metal sockets.

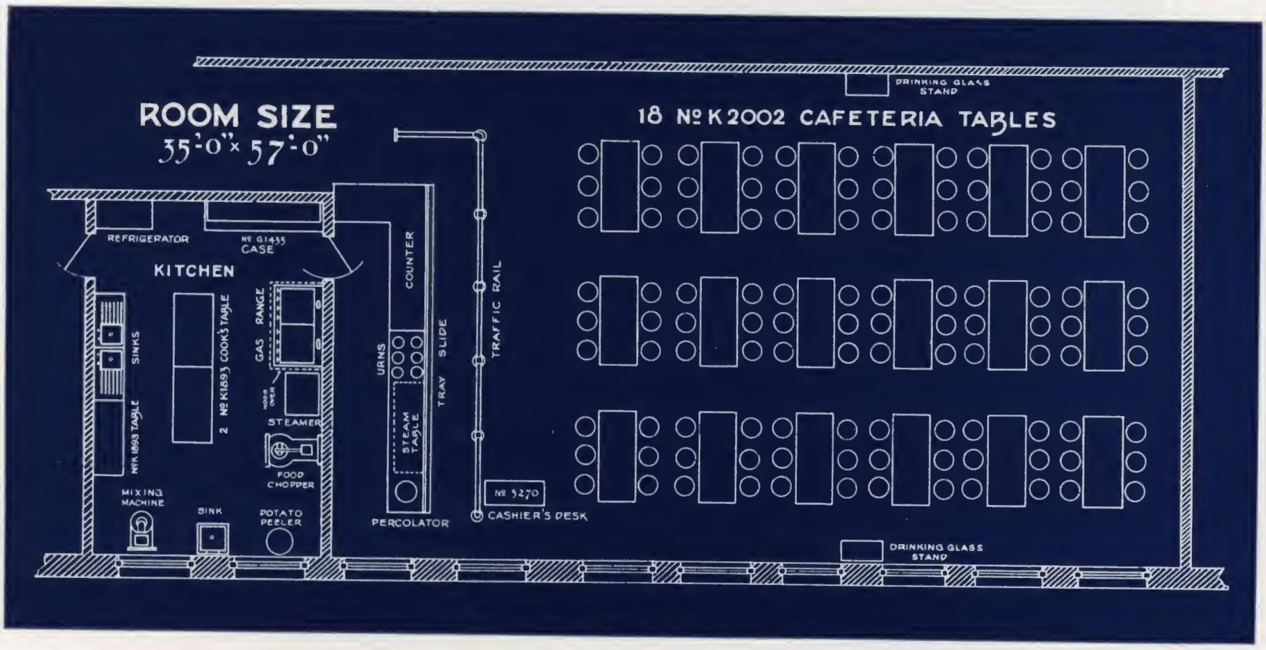


No. K-2001

Finish—Walnut.

Weight crated, No. K-2000, 185 lbs.; No. K-2001, 225 lbs.; No. K-2002, 190 lbs.; No. K-2003, 160 lbs.; No. K-2004, 130 lbs.; No. K-2005, 110 lbs.

No. K-2000—Cafeteria Table, 36 inches long by 36 inches wide.
No. K-2001—Cafeteria Table, 5 feet long by 30 inches wide.
No. K-2002—Cafeteria Table, 6 feet long by 30 inches wide.
No. K-2003—Cafeteria Table, 4 feet long by 30 inches wide.
No. K-2004—Cafeteria Table, 36 inches long by 30 inches wide.
No. K-2005—Cafeteria Table, 30 inches long by 30 inches wide.



CAFETERIA LAYOUT PLAN "B"

Cafeteria layout Plan "B" shows cafeteria equipment to accommodate 108 students at one time. Any of the 6 foot long by 30 inches wide Cafeteria Tables can be substituted for the K-2002 tables shown. The complete list of equipment is as follows:

18 No. K-2002 Cafeteria Tables.
3 No. K-1893 Tables.
1 No. G-1435 Case.
1 No. 5270 Cashier's Desk.

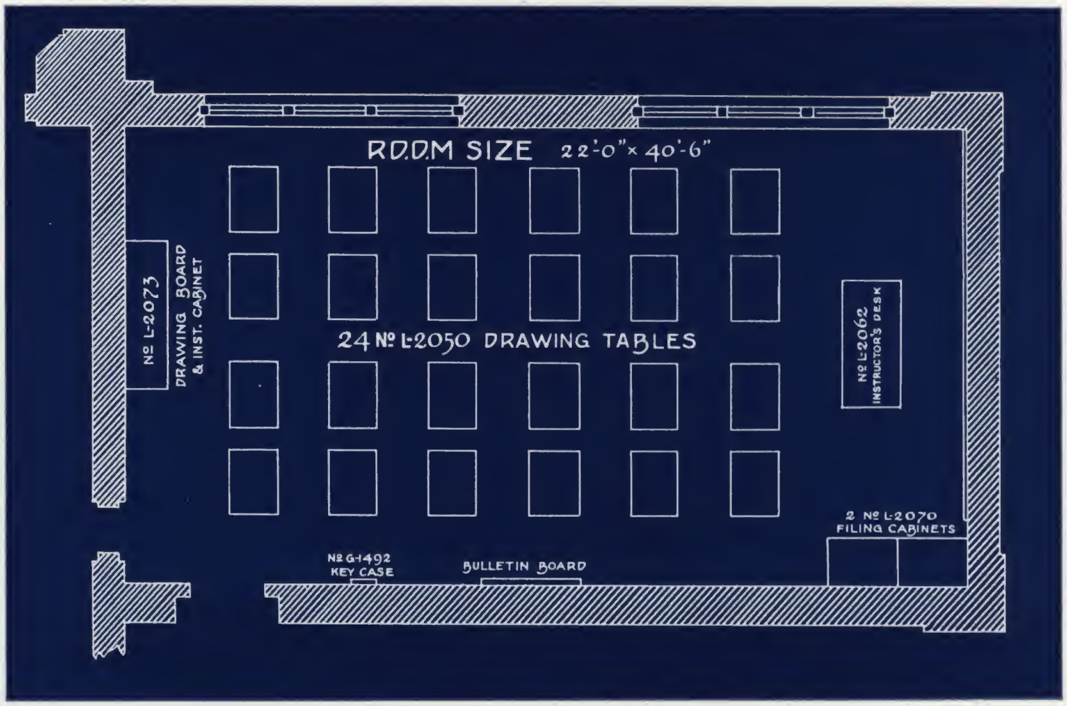
ART AND MECHANICAL DRAWING ROOM FURNITURE

The Art and Mechanical Drawing Room Furniture shown in this section of the Kewaunee Blue Book provides the most complete variety of student's drawing tables ever cataloged in the school field. The numbers included vary from the table without drawers, to tables accommodating eight sections of students with private drawing board and instrument storage space. Almost any desired drawer and cupboard arrangement will be found here, and tables are provided in a wide range of sizes.

A complete line of drawing board and instrument storage cases, model stands and instructor's tables is included.

We direct your attention to the Mechanical Drawing and Art Room floor plans shown on pages 360, 374 and 386, each of which shows very well planned drawing rooms.

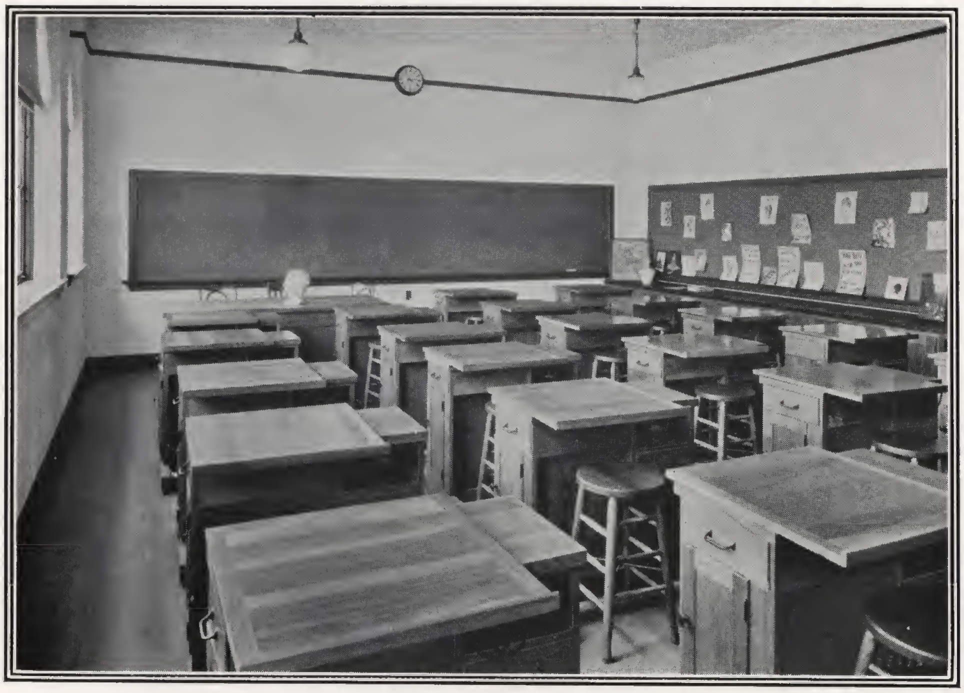
The Manifold Table illustrated in this section solves the very important equipment problem in the Fine and industrial Arts and Vocational Training departments, and we believe that a study of the material presented in connection with this line of combination tables, will prove of interest.



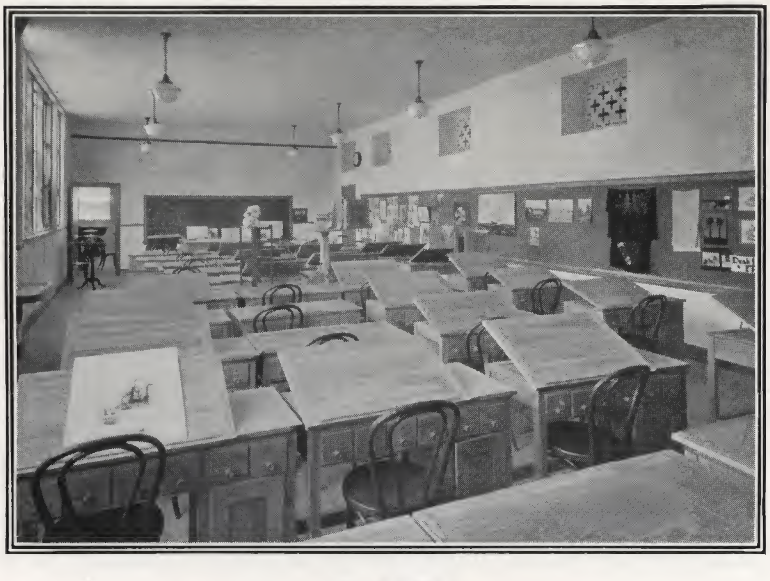
DRAWING ROOM PLAN A

Twenty-four students are accommodated with inexpensive two drawer tilting top drawing tables in Drawing Room Plan A. Instruments and drawing boards are stored in the drawing board and instrument storage case at the rear of the room. Space for 48 drawing boards and 48 private instrument drawers is provided in this case, which thus provides private locked space for two sections of students. Additional drawing board and instrument cabinet units can be added as required. The complete list of equipment included is as follows:

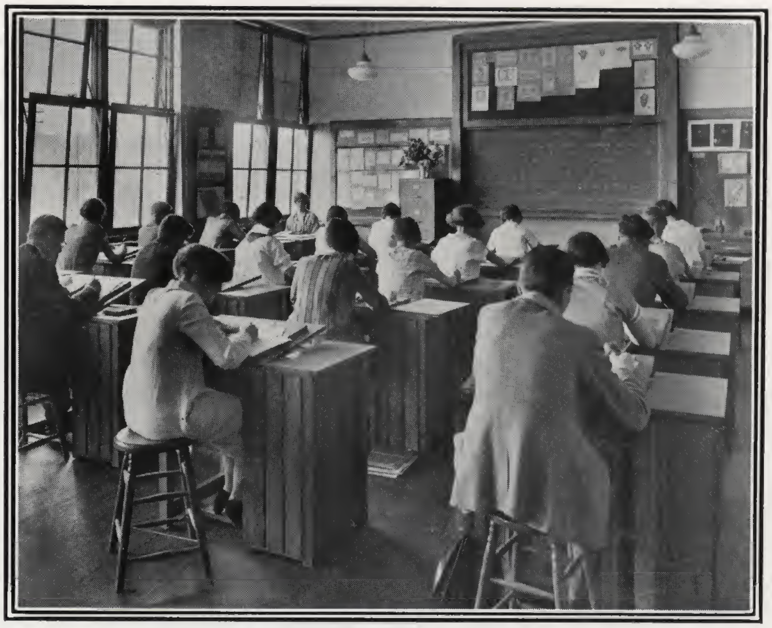
24	No. L-2050	Drawing Tables.
1	No. L-2062	Instructor's Table.
1	No. L-2073	Drawing Board and Instrument Storage Case.
2	No. L-2070	Filing Cases.
1	No. G-1492	Key Case.



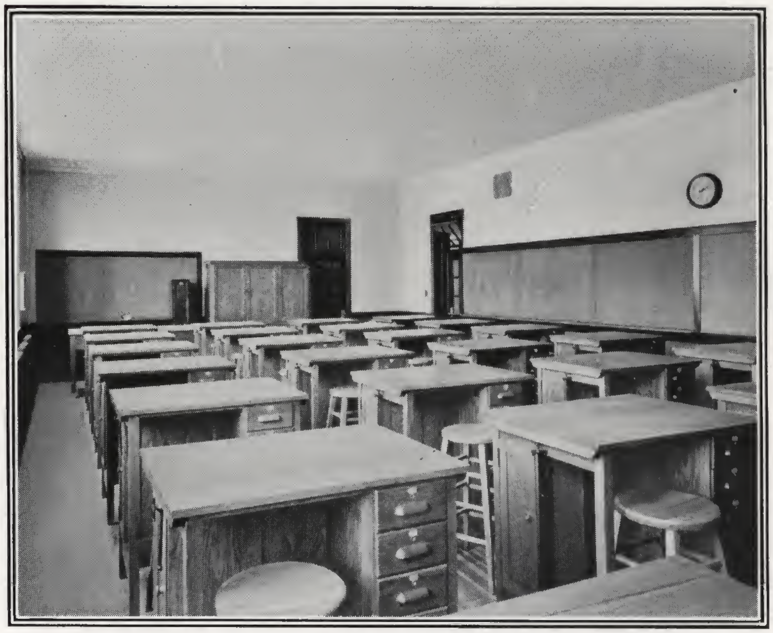
MECHANICAL DRAWING ROOM
NEW HIGH SCHOOL, NEW ALBANY, INDIANA



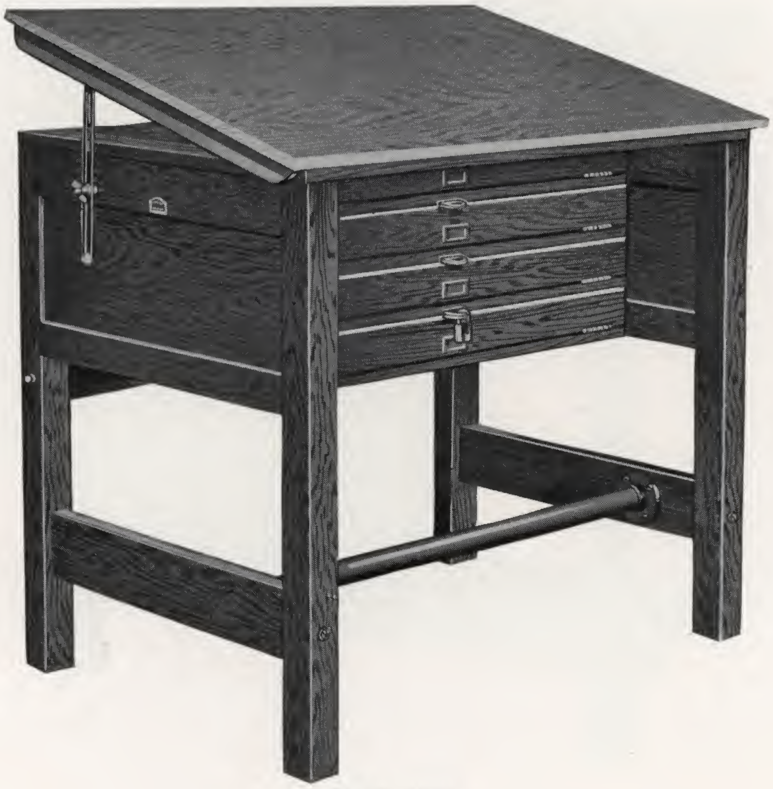
ART ROOM
NEW HIGH SCHOOL, MIAMI, FLORIDA



ART ROOM
HIGH SCHOOL, YONKERS, NEW YORK



MECHANICAL DRAWING ROOM
HIGH SCHOOL, HIGH POINT, NORTH CAROLINA



No. L-2026

No. L-2026 DRAWING TABLE

This table provides locked accommodations for the equipment of eight students, four compartments opening from the front and four from the rear. Extreme compactness, comfort and convenience, together with neat appearance, rigidity, and strength in construction, make this one of the most popular designs of drawing tables.

SPECIFICATIONS

	Length	Width	Height
Overall	44 in.	30 in.	38 in.

8 compartments—Compartments accommodate drawing boards 18 in. x 24 in.

Construction—Oak body; oak plywood top.

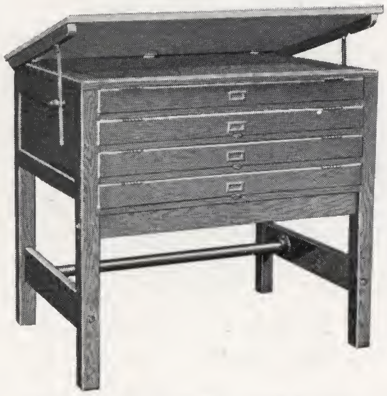
Finish—No. 1 or No. 2 Oak.

Weight crated—No. L-2026, 230 lbs.

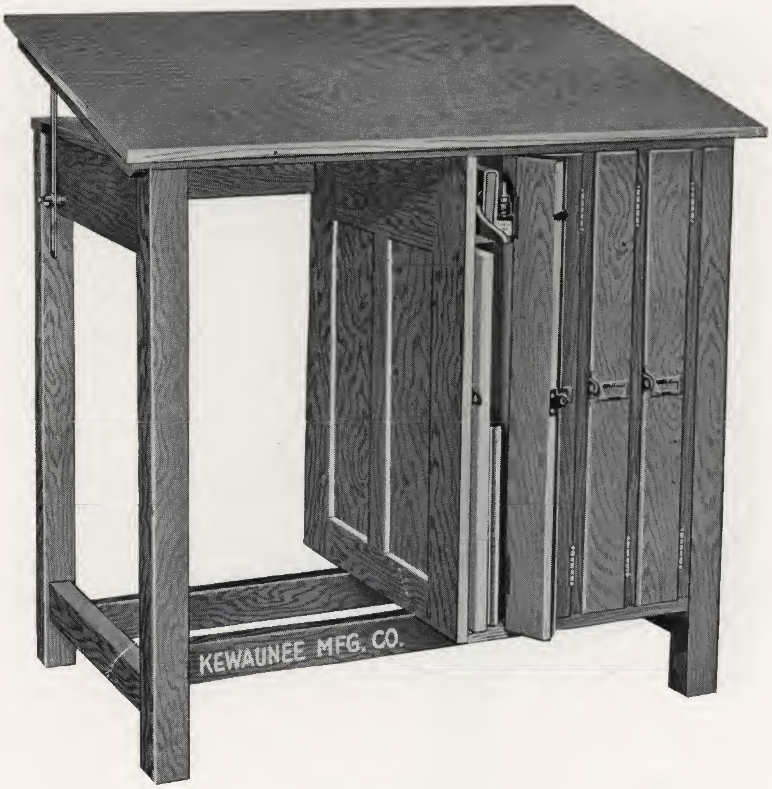
No. L-2025—Drawing Table, with masterkeyed locks.

No. L-2026—Drawing Table, with hasps.

All Kewaunee-Economy drawing tables can be furnished with aluminum number plates instead of label holders as shown.



Rear view showing arrangement of four compartments opening from rear of table.



No. L-2028

No. L-2028 DRAWING TABLE

This table provides locked accommodations for the equipment of eight students. Four compartment doors open to the front and four to the rear, and compartments are designed to hold the drawing board and all the individual equipment of the student, such as T square, triangle, scale, etc.

SPECIFICATIONS

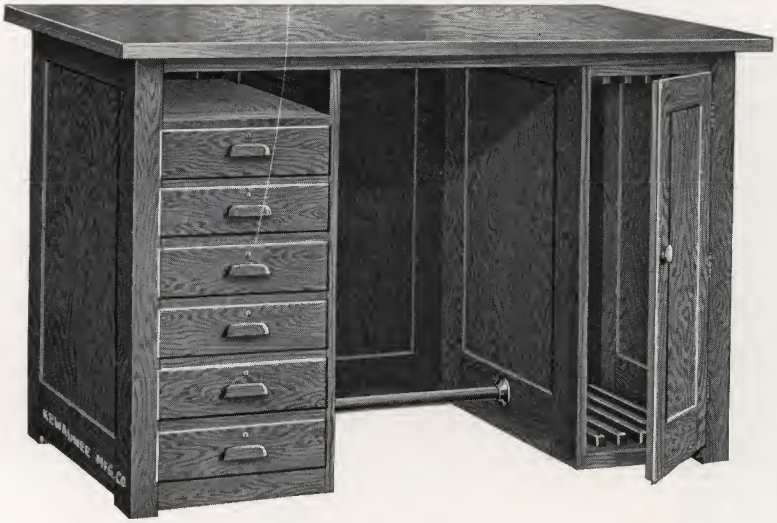
	Length	Width	Height
Overall	42½ in.	26 in.	38 in.

8 compartments—Accommodate drawing boards 18 in. x 24 in.
Construction—Oak body; oak plywood top.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. L-2028, 200 lbs.
No. L-2027—Drawing Table, with masterkeyed locks.
No. L-2028—Drawing Table, with hasps.

Rear view showing arrangement of four compartments opening from rear of table.

No. L-2029
DRAWING TABLE

The No. L-2029 has six drawers and a general cupboard to hold six large drawing boards. The roomy central recess provides adequate and comfortable seating space. All drawers are interchangeable, and the open drawer space shown in the above illustration is to hold the drawer of the student working at the table. This table accommodates six sections with private locked drawers, and cupboard accommodates six private boards.



No. L-2029

SPECIFICATIONS

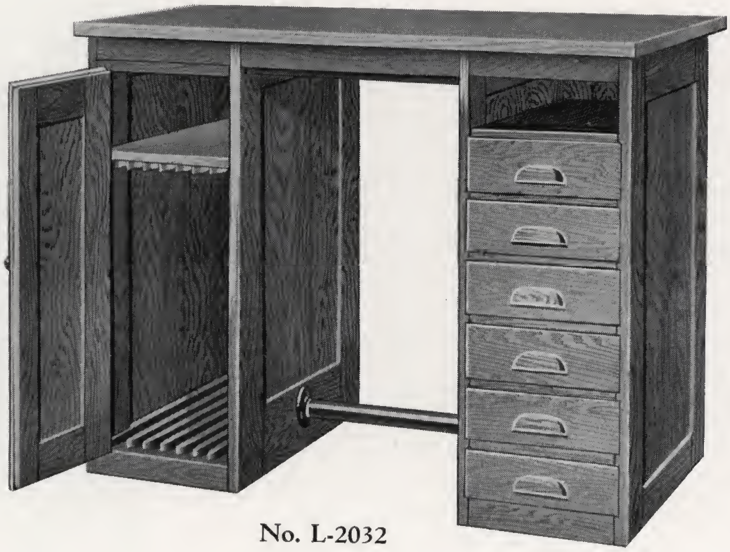
	Length	Width	Height	Depth
Overall	56 in.	34 in.	37 in.	
6 drawers		11 in.	3¼ in.	23 in.

Cupboard—Accommodates six drawing boards up to 31 in. x 26 in.

Construction—Oak body; oak plywood top.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. L-2029, 275 lbs.
No. L-2029—Drawing Table, with masterkeyed locks.
No. L-2030—Drawing Table, without locks.

No. L-2032
DRAWING TABLE

This is a six section table with recess open at both sides, permitting students to work from either side, thus taking advantage of the best light. A shelf in the cupboard provides a place for books brought to class by the student. This table accommodates six sections with private locked drawers, and cupboard accommodates six drawing boards.



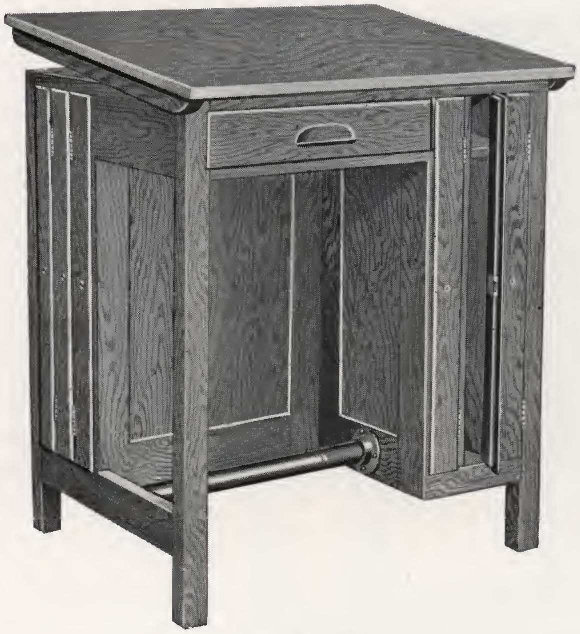
No. L-2032

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	48 in.	30 in.	39 in.	
Drawers		10½ in.	3¼ in.	21 in.

Cupboard—Accommodates 6 drawing boards up to 22 in. x 24 in.

Construction—Oak body; oak plywood top.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. L-2032—225 lbs.
No. L-2031—Drawing Table, with masterkeyed locks.
No. L-2032—Drawing Table, without locks.



No. L-2033

No. L-2033 DRAWING TABLE

This table provides accommodations for six sections with great compactness. The recess is very roomy and comfortable, and the top is adjustable. A general drawer is provided for temporary storage of books and equipment while the table is being used.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	36 in.	28 in.	40 in.	
1 drawer		12 in.	3¼ in.	17¾ in.

6 Compartments—Accommodate boards up to 18 in. x 24 in.

Construction—Oak body; oak plywood top.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. L-2033—225 lbs.

No. L-2033—Drawing Table, with masterkeyed locks.

No. L-2034—Drawing Table, without locks.

No. L-2035 DRAWING TABLE

Accommodating six sections and providing six private drawers and space for six drawing boards in a very compact space, this table is designed for use where locked drawers with auxiliary board compartment are preferred to the individual compartment type of table.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	36 in.	28 in.	40 in.	
6 Drawers		7½ in.	3½ in.	19 in.

Cupboard—Accommodates six boards up to 20 in. x 24 in.

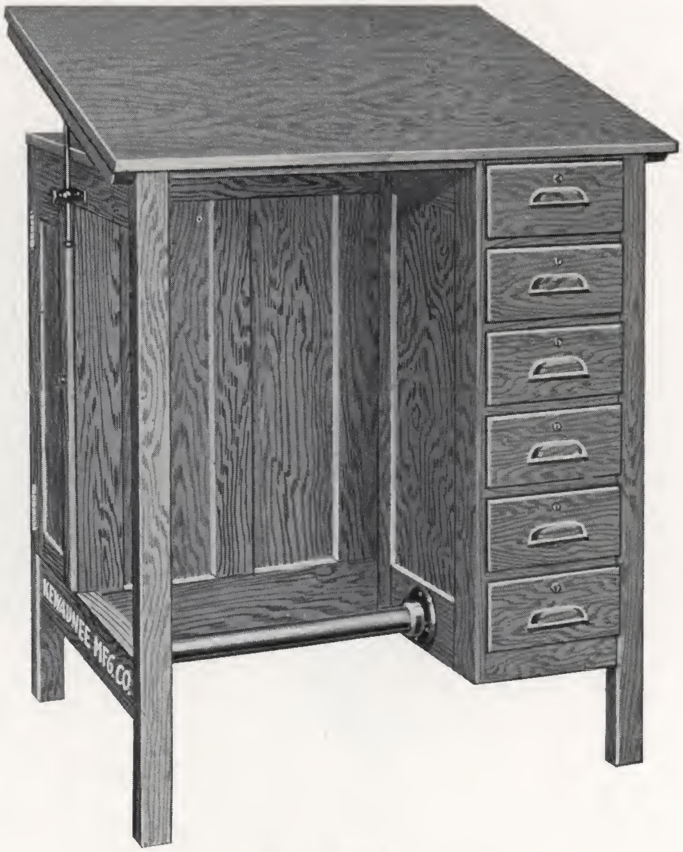
Construction — Oak body; oak plywood top.

Finish—No. 1 or No. 2 Oak.

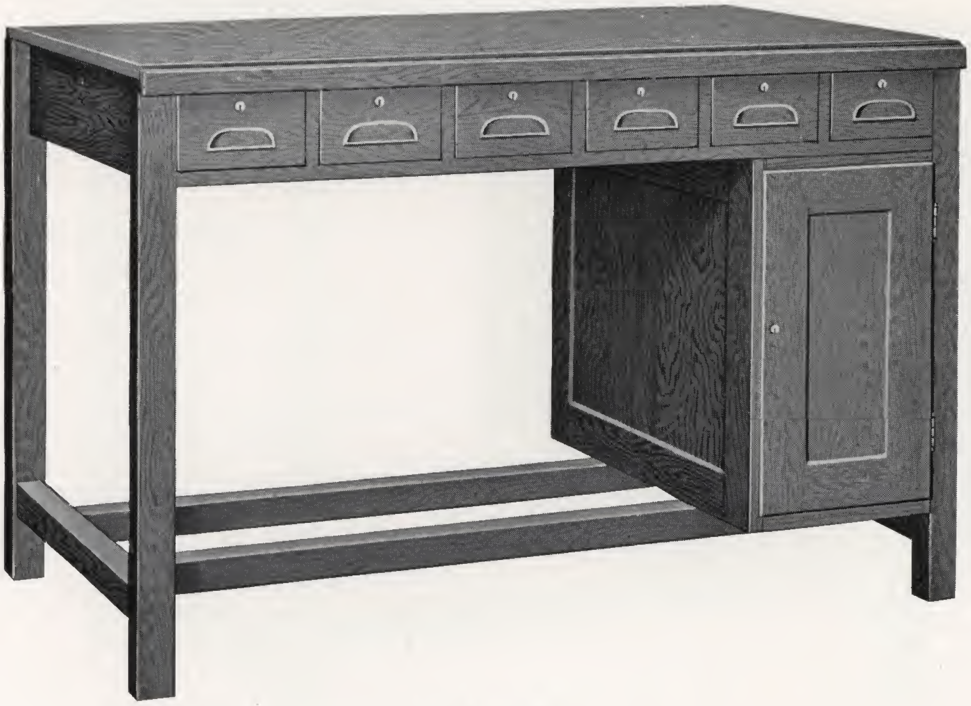
Weight crated—No. L-2035—200 lbs.

No. L-2035—Drawing Table, with masterkeyed locks.

No. L-2036—Drawing Table, without locks.



No. L-2035



No. L-2040

No. L-2040 DRAWING TABLE

This model was especially designed for use in technical schools and high schools teaching architecture and machine drawing. The large working surface and spacious recess, allowing the table to be used from either side, makes it extremely practical for advanced drawing classes. Six sections are provided with private locked drawers.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	30 in.	36 in.	
6 Drawers		6¼ in.	3¾ in.	27 in.

Compartment—Accommodates six boards up to 22 in. x 28 in.

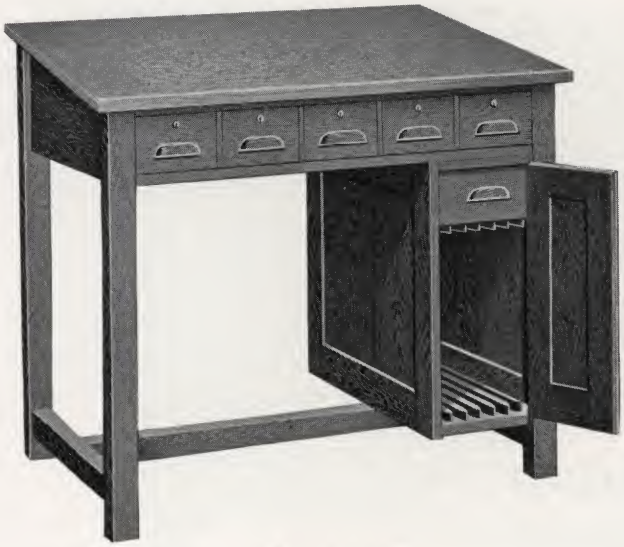
Construction—Oak body; oak plywood top.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. L-2040—190 lbs.

No. L-2040—Drawing Table, with masterkeyed locks.

No. L-2041—Drawing Table, without locks.



No. L-2042

No. L-2042 DRAWING TABLE

This model accommodates five sections and offers the sixth drawer for the storage of general classroom equipment. The inclined top slants two inches from front to rear, but if desired this table can be furnished with flat adjustable top. A roomy recess is provided.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	42 in.	30 in.	40 in.	
5 Drawers		5½ in.	3¼ in.	23 in.

Compartment—Accommodates five boards up to 18 in. x 24 in.

Construction—Oak body; oak plywood top.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. L-2042—150 lbs.

No. L-2042—Drawing Table, with masterkeyed locks.

No. L-2043—Drawing Table, without locks.

No. L-2044 DRAWING TABLE

This is a four section model providing an individual drawing board compartment and instrument drawer for each student. Each individual's compartment and instrument drawer are so designed that one padlock in a hasp locks drawer and compartment together.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	47 in.	31½ in.	38 in.	
4 Drawers		8¾ in.	3¾ in.	26 in.
4 Compartments		20¾ in.	2⅞ in.	26 in.

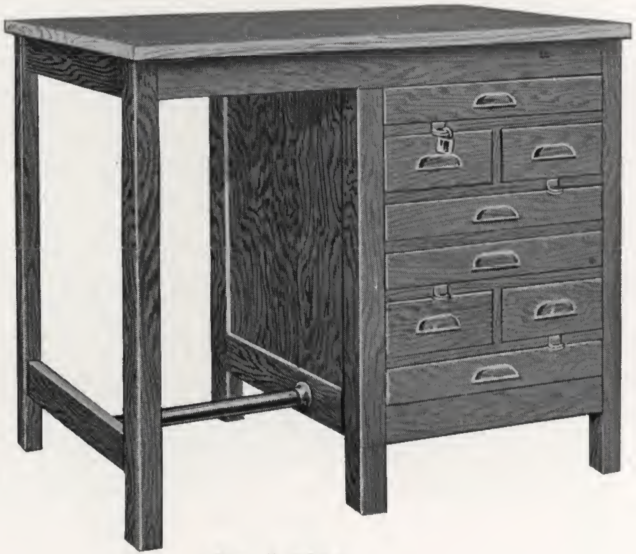
Construction—Oak body, oak plywood top.

Finish—No. 1 or No. 2 Oak.

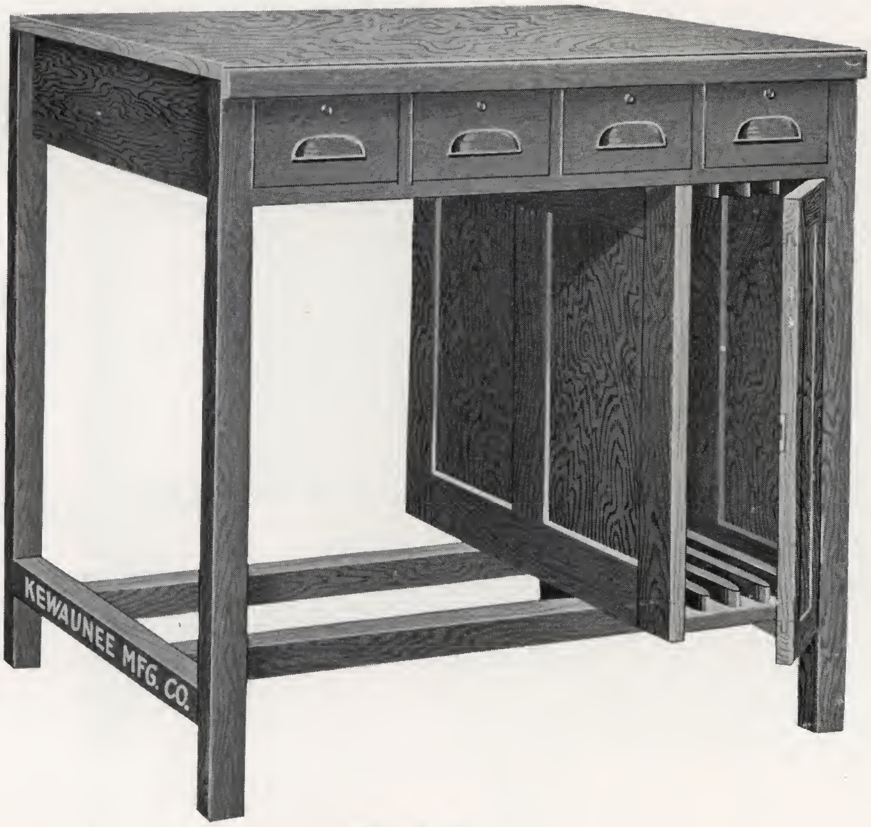
Weight crated—No. L-2044—225 lbs.

No. L-2044—Drawing Table, with padlock eyes and hasps.

No. L-2045—Drawing Table, with masterkeyed locks on drawers and compartments.



No. L-2044



No. L-2046

No. L-2046 DRAWING TABLE

This is a very economical table for use where four sections are to be accommodated. The roomy recess insures comfort while seated, and the top is of sufficient size to make this table practical for college work, as well as junior and senior high school work.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	36 in.	30 in.	36 in	
4 Drawers		6 in.	3½ in.	24¾ in.

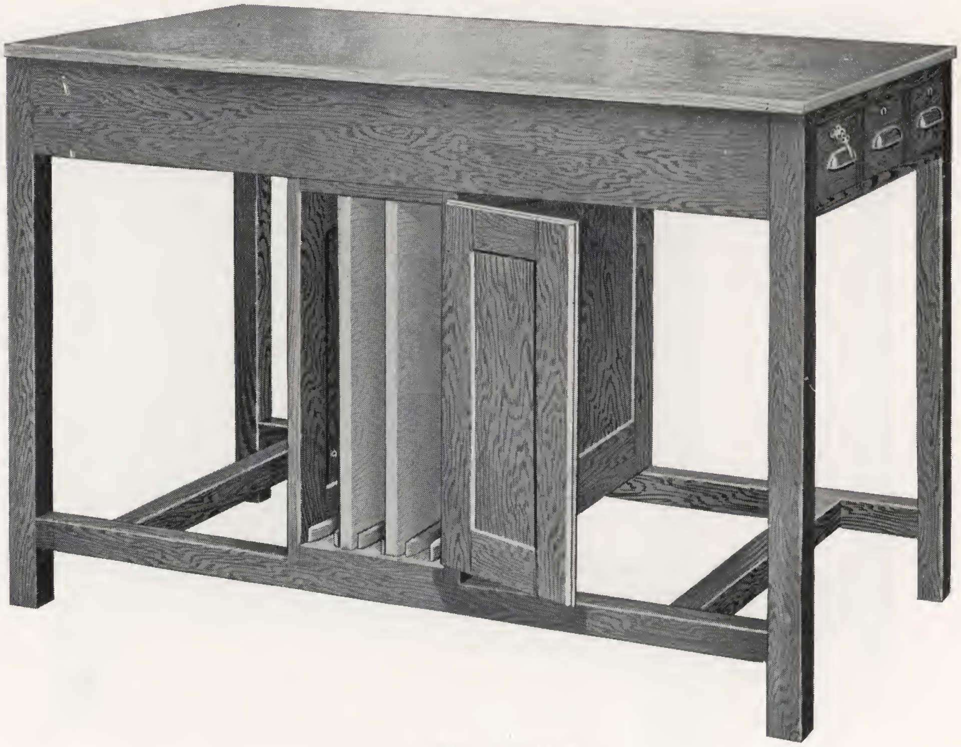
Compartment—Accommodates four boards 22 in. x 26 in.

Construction—Oak body; oak plywood top.

Weight crated—No. L-2046—175 lbs.

No. L-2046—Drawing Table, with masterkeyed locks.

No. L-2047—Drawing Table, without locks.



No. L-2048

No. L-2048 DRAWING TABLE

Because of the economy of space resulting from its use, this table is used extensively in junior and senior high schools. Two students use this table at one time, and it accommodates three sections.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	54 in.	30 in.	36 in.	
6 Drawers		6¼ in.	3½ in.	21½ in.

Compartment—Accommodates six boards up to 20 in. x 26 in.

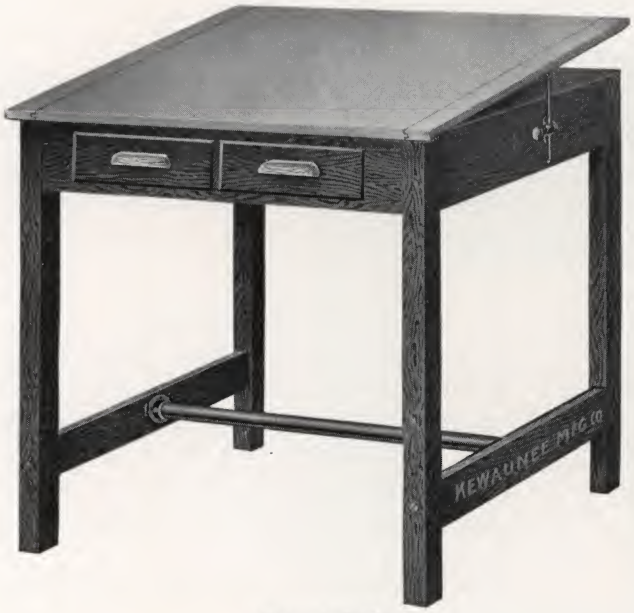
Construction—Oak body; oak plywood top.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. L-2048—175 lbs.

No. L-2048—Drawing Table, with masterkeyed locks.

No. L-2049—Drawing Table, without locks.



No. L-2051

No. L-2051 DRAWING TABLE

This two section junior and senior high school drawing table has an adjustable top, two drawers and an iron pipe foot rest.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	38 in.	28 in.	40 in.	
2 Drawers		10¾ in.	3¼ in.	17½ in.

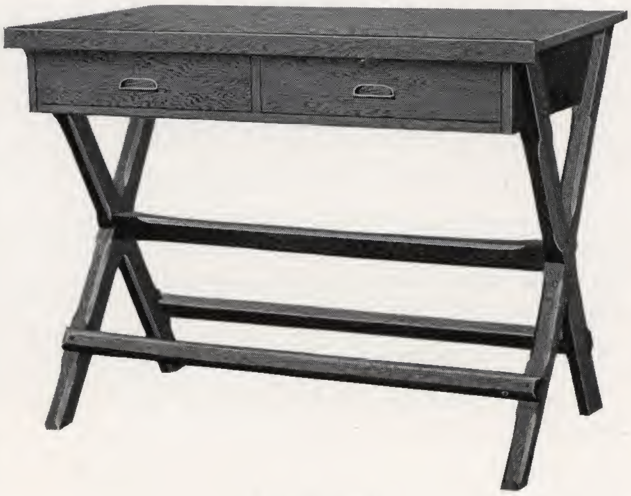
Construction — Oak body; oak plywood top.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. L-2051—130 lbs.

No. L-2050—Drawing Table, with masterkeyed locks.

No. L-2051—Drawing Table, without locks.

No. L-2053 DRAWING TABLE

A very sturdy, economical table for all institutions, as well as architects' and engineers' offices. Has two large drawers and can be fitted with drawer hangers to take an additional interchangeable drawer from our Instrument and Board Cabinet. Its extremely heavy construction recommends it to architects and engineers, while the drawer space makes it very desirable to institutions requiring capacity for two sections of students.



No. L-2053

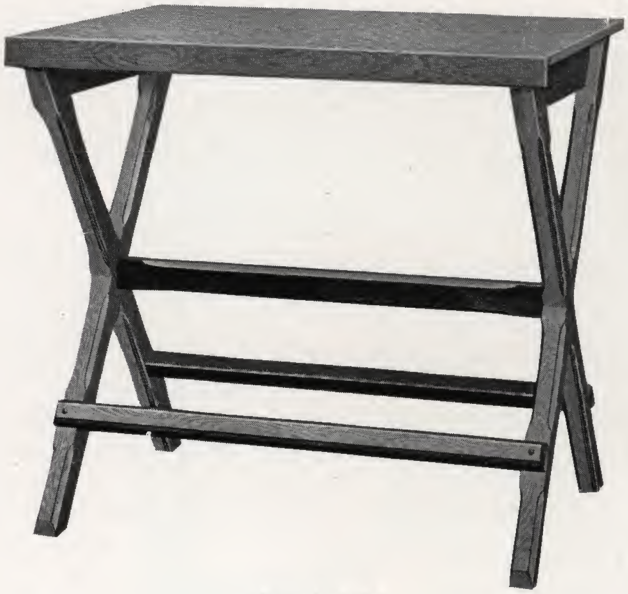
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	48 in.	30 in.	38 in.	
2 drawers		19½ in.	4¼ in.	26½ in.

Construction—Oak body; oak plywood top.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. L-2053—85 lbs.

No. L-2052—Drawing Table, with masterkeyed locks.

No. L-2053—Drawing Table, without locks.



No. L-2054

No. L-2054 DRAWING TABLE

This table is furnished with or without drawer hangers for the removable wall case drawer. It will accommodate as many students as the wall lockers are provided for at a small cost per student.

SPECIFICATIONS

	Length	Width	Height
Overall	40 in.	30 in.	38 in.

Construction—Oak body; oak plywood top.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. L-2054—75 lbs.

No. L-2054—Drawing Table, without drawer hangers.

No. L-2054-A—Drawing Table, with drawer hangers.

No. L-2056 DRAWING TABLE

In this junior and senior high school table, we show a design combining convenience and sturdiness of construction at a low cost. It has an adjustable tilting top, full size drawer and an iron pipe foot rest.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	36 in.	28 in.	40 in.	
Drawer		26½ in.	3¼ in.	21 in.

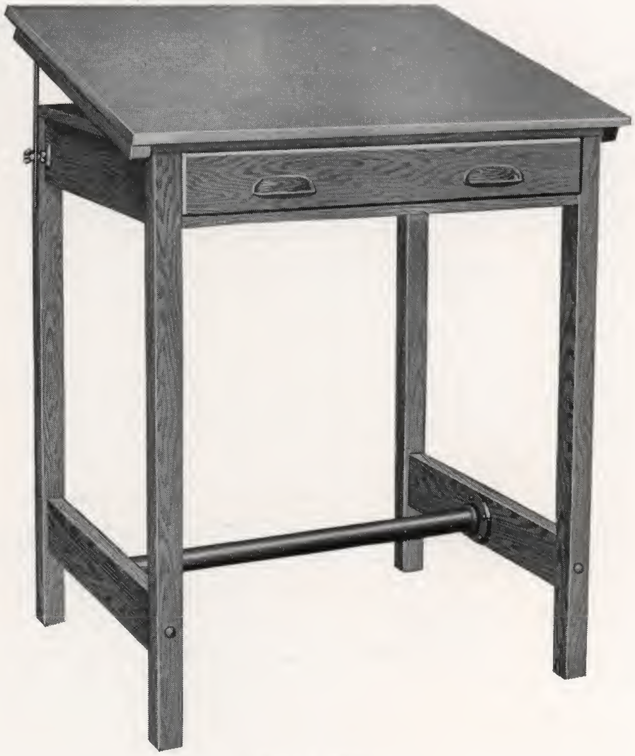
Construction — Oak body; oak plywood top.

Finish—No. 1 or No. 2 Oak.

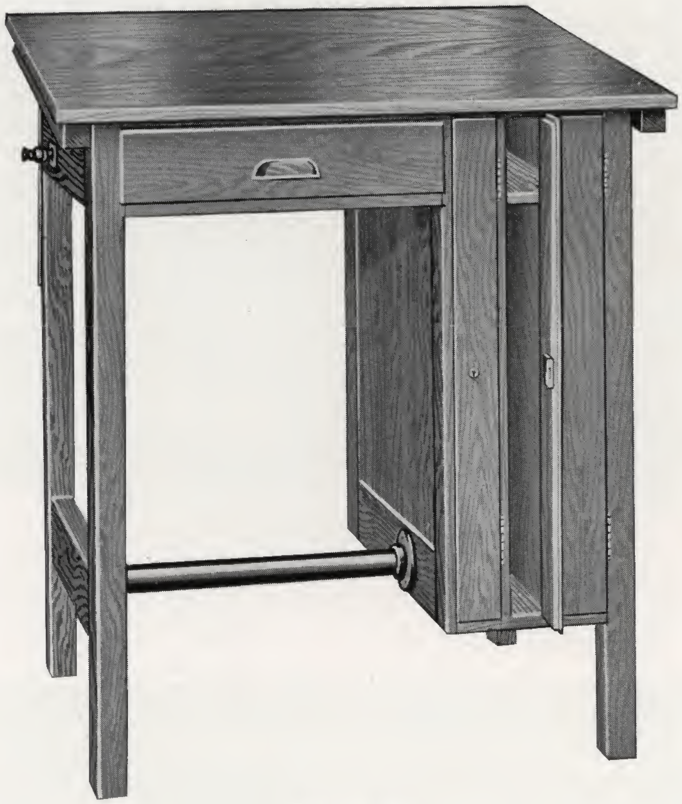
Weight crated—No. L-2056—125 lbs.

No. L-2055 — Drawing Table, with master-keyed lock.

No. L-2056—Drawing Table, without lock.



No. L-2056



No. L-2057

No. L-2057 DRAWING TABLE

Three sections are taken care of by this table. It provides private instrument and board storage as well as a drawer for holding classroom equipment brought to class. The top is adjustable, and one lock secures both instruments and drawing boards. The private instrument lockers are in compartments above board spaces.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	36 in.	28 in.	40 in.	
1 Drawer		17 in.	3½ in.	19¼ in.

3 Compartments—Accommodate boards up to 22 in. x 24 in.

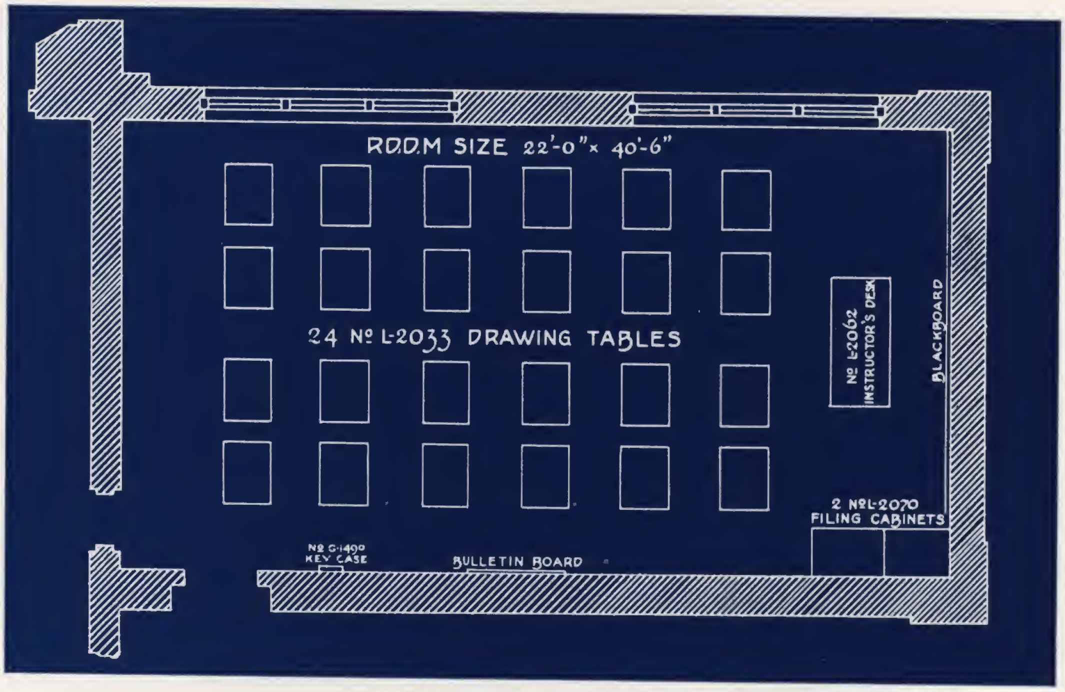
Construction—Oak body; oak plywood top.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. L-2057—175 lbs.

No. L-2057—Drawing Table, with masterkeyed locks.

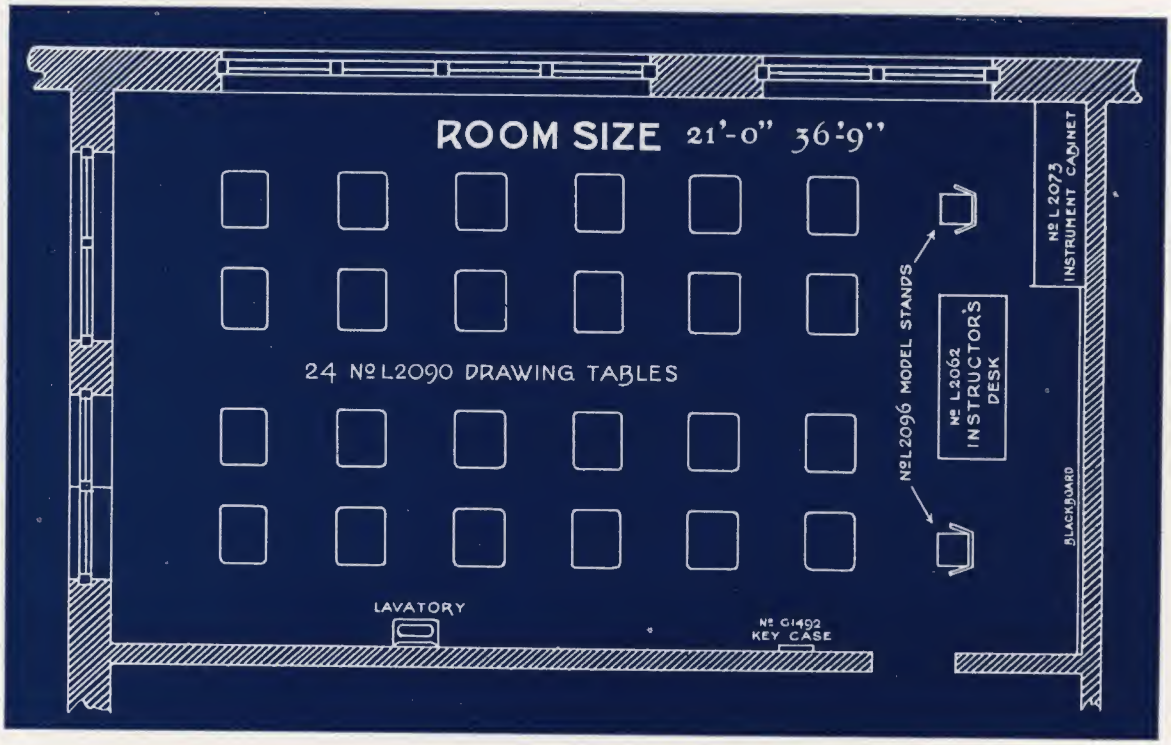
No. L-2058—Drawing Table, without locks.


ROOM SIZE 22'-0" × 40'-6"
24 Nº L-2033 DRAWING TABLES
Nº L-2062 INSTRUCTOR'S DESK
BLACKBOARD
2 Nº L-2070 FILING CABINETS
Nº G-1490 KEY CASE
BULLETIN BOARD

DRAWING ROOM PLAN B

Six sections of 24 students each are provided with private locked drawing board and instrument storage compartments with the use of 24 No. L-2033 Drawing Tables shown on this layout. The complete list of equipment included is as follows:

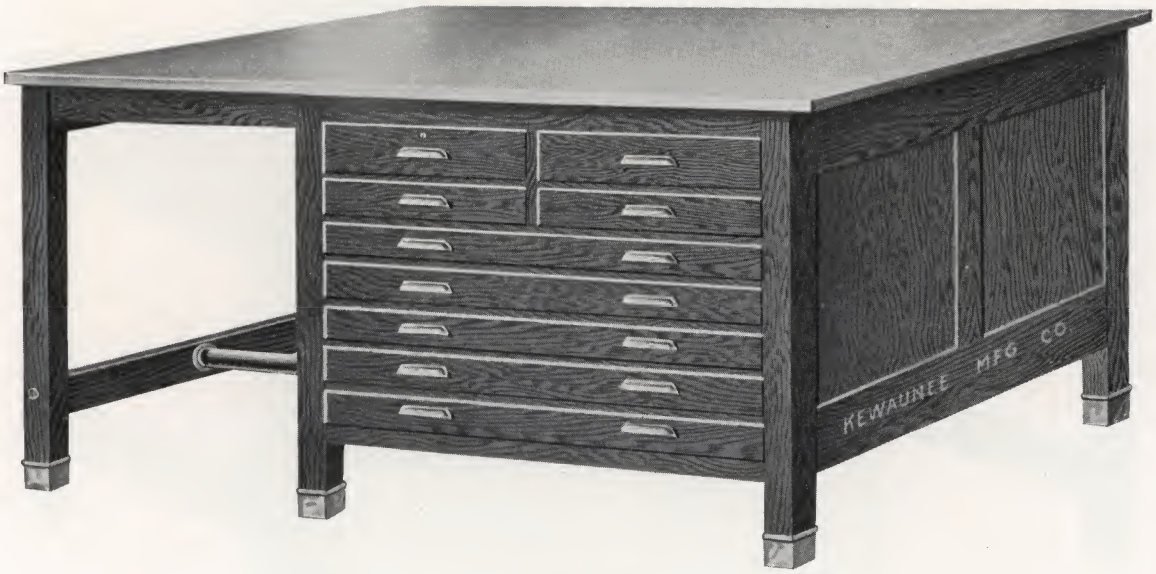
24 No. L-2033 Drawing Tables.
1 No. L-2062 Instructor's Table.
2 No. L-2070 Filing Case.
1 No. G-1490 Key Case.


ROOM SIZE 21'-0" 36'-9"
24 Nº L2090 DRAWING TABLES
Nº L2096 MODEL STANDS
Nº L 2062 INSTRUCTOR'S DESK
Nº L 2073 INSTRUMENT CABINET
BLACKBOARD
LAVATORY
Nº G1492 KEY CASE

ART ROOM PLAN C

Art Room Plan C embodies the use of 24 single pedestal adjustable Art Tables. This Art Table is adjustable in height, and the top can be tilted 75 degrees. A swinging arm having an instrument and pencil tray, and one drawer is provided. An art room so equipped presents a very attractive appearance and affords great utility. The complete list of equipment included is as follows:

24 No. L-2090 Art Tables.
1 No. L-2062 Instructor's Table.
1 No. L-2073 Instrument Case.
2 No. L-2096 Model Stands.
1 No. G-1492 Key Case.



No. L-2062

No. L-2062 INSTRUCTOR'S TABLE

Where the classes are extra large and the instructor requires considerable storage space, this Instructor's Table is most satisfactory. Table is of the Kewaunee sanitary base design, enclosed to within eight inches of the floor. The right end and back are paneled, spacious knee space with iron pipe foot rest being provided at the left end. Table has five large and four smaller drawers. Instrument drawer is fitted with lock.

SPECIFICATIONS

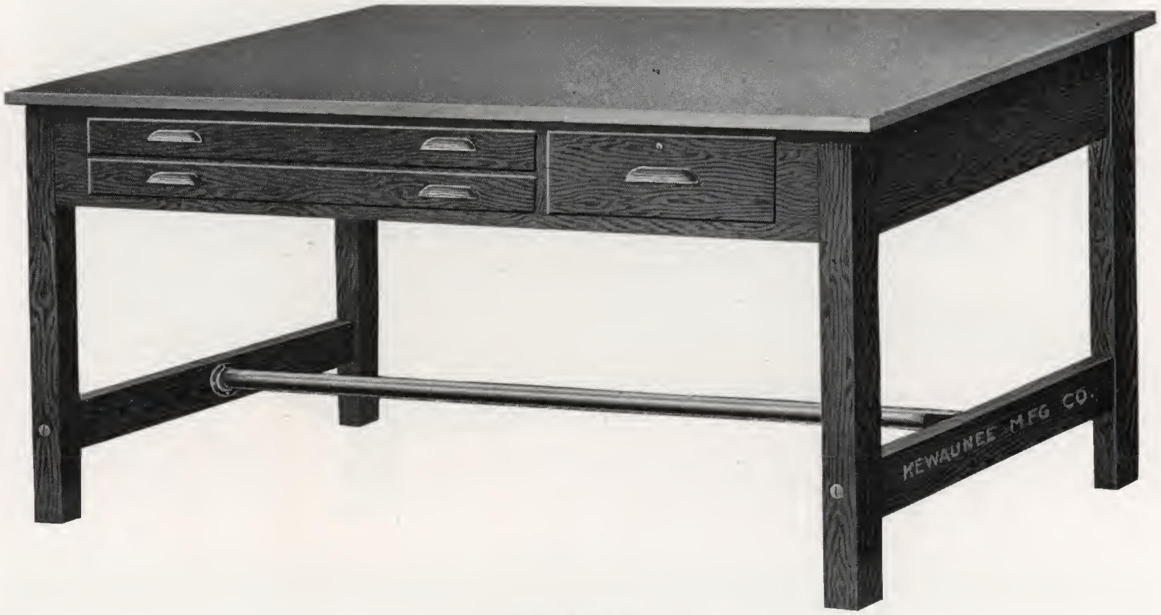
	Length	Width	Height	Depth
Overall	7 ft.	34 in.	34 in.	
2 Drawers		18 in.	5¼ in.	24 in.
2 Drawers		18 in.	2 in.	24 in.
5 Drawers		38 in.	2 in.	26 in.

Construction—Oak body; basswood top.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. L-2062—420 lbs.

No. L-2062—Instructor's Table, lock on instrument drawer.



No. L-2065

No. L-2065 INSTRUCTOR'S TABLE

Where less material and drawings are to be stored in the Instructor's Table, this number will fill every requirement. Two large drawers for storing specimen drawings and classroom drawings, and one instrument storage drawer, with lock, are provided. An iron foot rest connects the ends of the table and adds rigidity.

SPECIFICATIONS

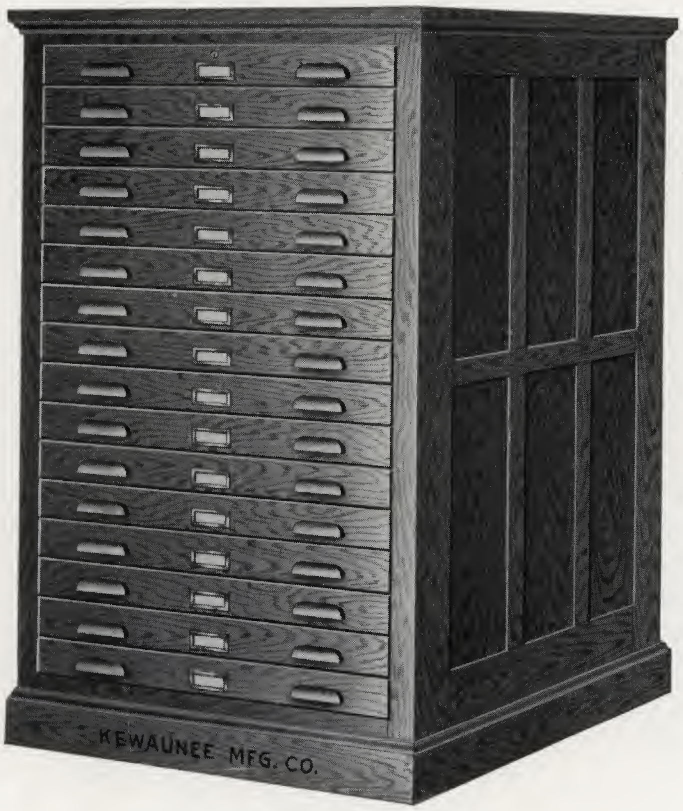
	Length	Width	Height	Depth
Overall	6 ft.	34 in.	36 in.	
2 Drawers		37½ in.	2 in.	26½ in.
1 Drawer		16½ in.	5⅜ in.	26½ in.

Construction—Oak body; basswood top.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. L-2065—260 lbs.

No. L-2065—Instructor's Table, lock on instrument drawer.



No. L-2068

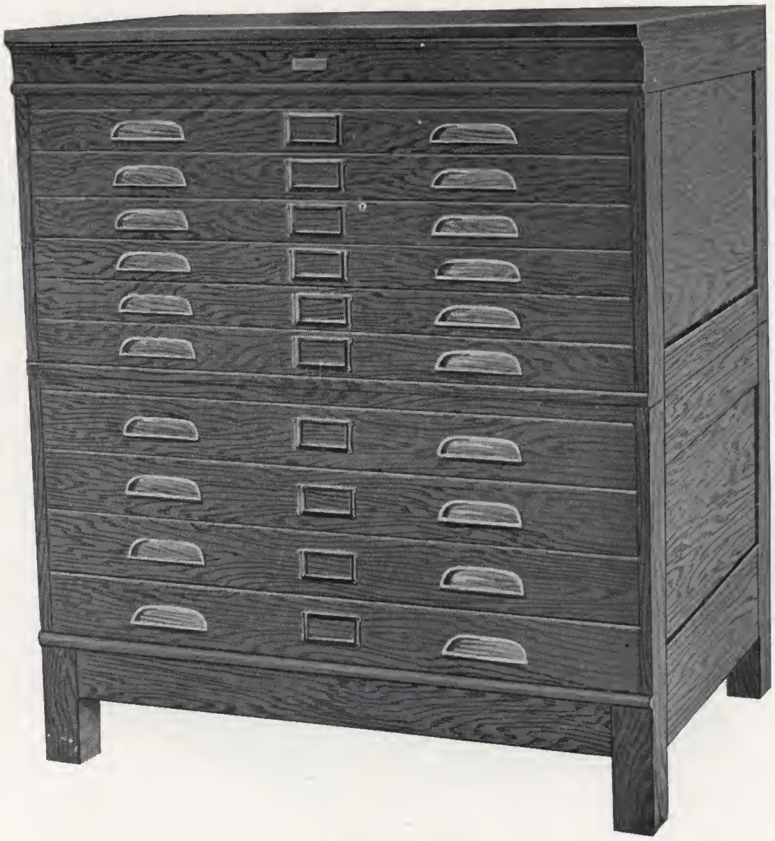
No. L-2068 BLUEPRINT FILE

This sixteen drawer blueprint file is provided with a device in each drawer to hold blueprints in place. Drawers slide on heavy steel runs and operate easily with heavy loads. Each drawer is fitted with a brass label holder. Blueprint file may also be had with thirty-two drawers, in two tiers of sixteen drawers each.

SPECIFICATIONS

	Width	Height	Depth
Overall	37½ in.	57¼ in.	31 in.
16 Drawers	31 in.	2 in.	23 in.

Construction—Selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. L-2068—450 lbs.
No. L-2068—Blueprint File, 16 drawers.
No. L-2069—Blueprint File, 32 drawers.



No. L-2070

No. L-2070 SECTIONAL BLUEPRINT AND STORAGE FILE

Many combinations of drawer sizes and number of drawers can be built up with this sectional stack of drawers as illustrated. The stack shown above is made up of one loose cap, six smaller and four larger drawers, and separate sanitary base.

SPECIFICATIONS

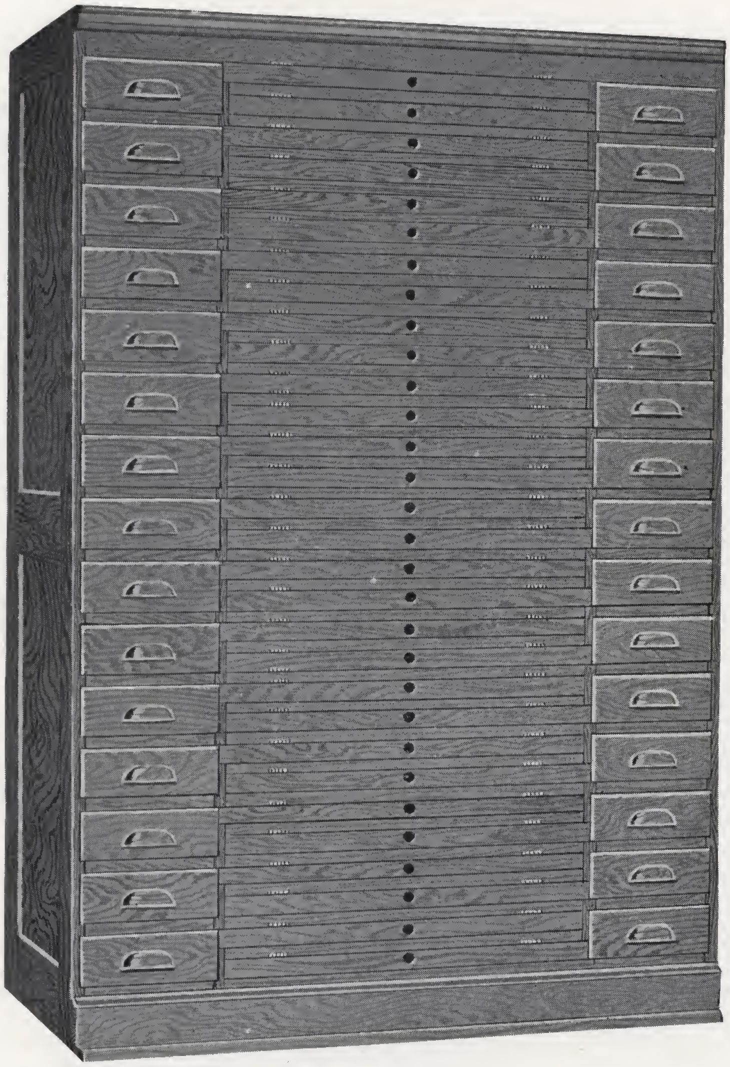
	Width	Height	Depth
Overall	41 in.	52 in.	29 in.
6 Drawers	38 in.	2 in.	26 in.
4 Drawers	38 in.	3⅜ in.	26 in.

Construction—Selected white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated—No. L-2070—400 lbs.

No. L-2070—Sectional Blueprint and Storage File.



No. L-2072

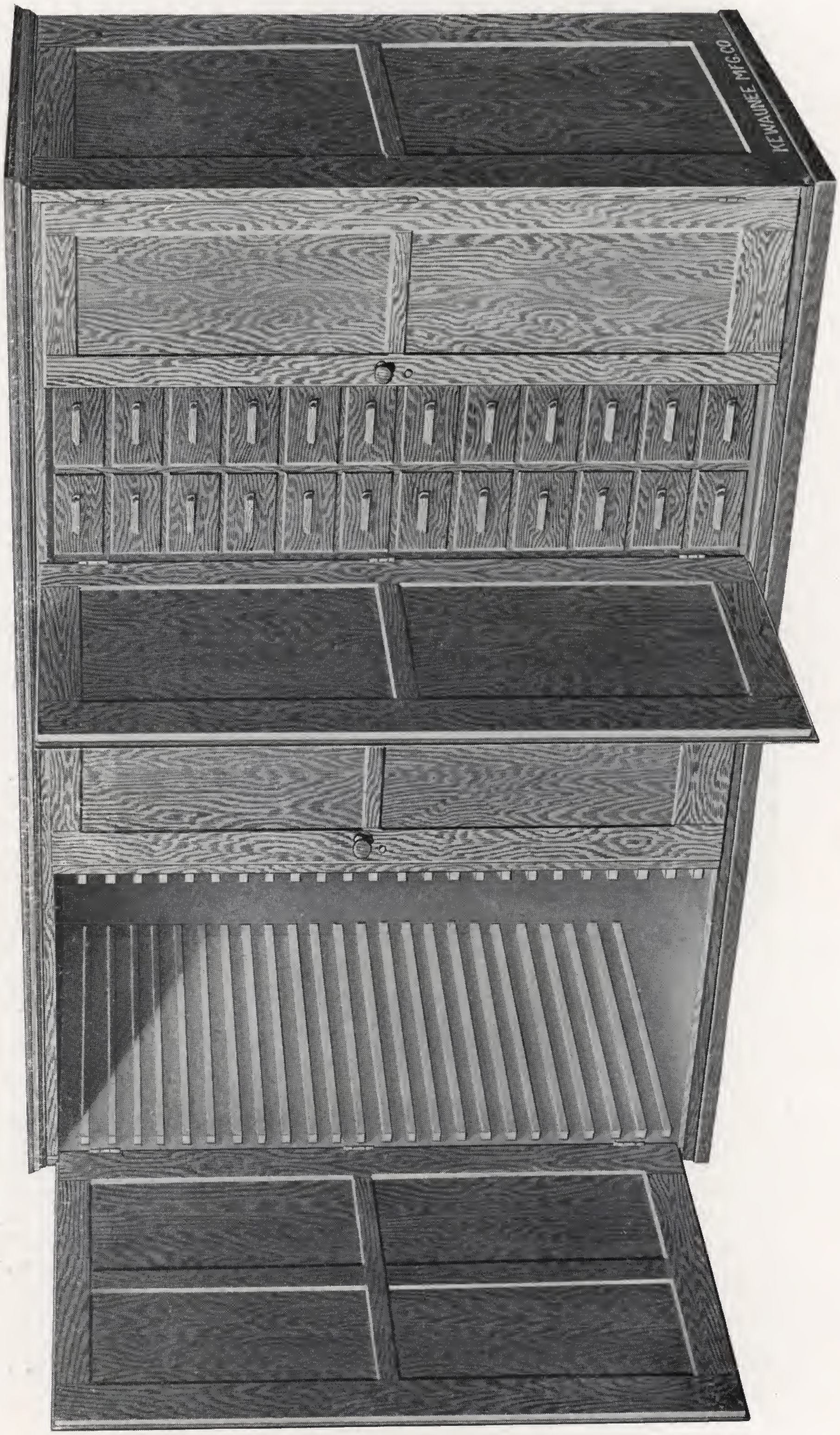
No. L-2072 TOOL AND BOARD CASE

This cabinet combines instrument drawers and board compartments, and is so constructed that each drawer controls one board compartment. When the instrument drawer is open, the door over the board space can be raised and the board taken out. The board lies horizontally in the compartment, which is designed to take the T square also. Thirty board spaces accommodate boards up to 25 in. x 25¾ in.

SPECIFICATIONS

	Width	Height	Depth
Overall	48 in.	72 in.	27 in.
30 Drawers	8½ in.	3 in.	15 in.

30 board spaces—Accommodates boards up to 25 in. x 25¾ in.
Construction—Selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. L-2072—400 lbs.
No. L-2072—Tool and Board Case, with masterkeyed locks.



No. L-2073—Drawing Board and Instrument Storage Case

No. L-2073 DRAWING BOARD AND INSTRUMENT CASE

This case will accommodate a maximum number of drawing boards and instruments, with a minimum of expense and in a minimum space. As many sections as are desired can be accommodated by the addition of board and drawer units. Cupboard doors over the boards and instrument drawers allow instruments and boards to be locked up with the least possible confusion and with minimum lock and key expense.

SPECIFICATIONS

	Width	Height	Depth
Overall	7 ft. 1 in.	6 ft.	23 in.
48 Drawers	5¼ in.	4 in.	15⅜ in.

Compartments—Accommodate 48 boards.

Construction—Selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. L-2073—800 lbs.

No. L-2073—Drawing Board and Instrument Cabinet, with locks on doors.

No. L-2074

No. L-2074 DRAWING BOARD AND INSTRUMENT CASE

SPECIFICATIONS

	Width	Height	Depth
Overall	42 in.	6 ft.	23 in.
24 Drawers	5¼ in.	4 in.	15⅜ in.

Compartments—Accommodate 24 boards.
Construction—Selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. L-2074—400 lbs.

No. L-2074—Drawing Board and Instrument Storage Case, with lock on door.

No. L-2075 DRAWING INSTRUMENT CASE

When interchangeable drawers are desired for use with tables, this cabinet provides accommodations for a class of 24 students.

SPECIFICATIONS

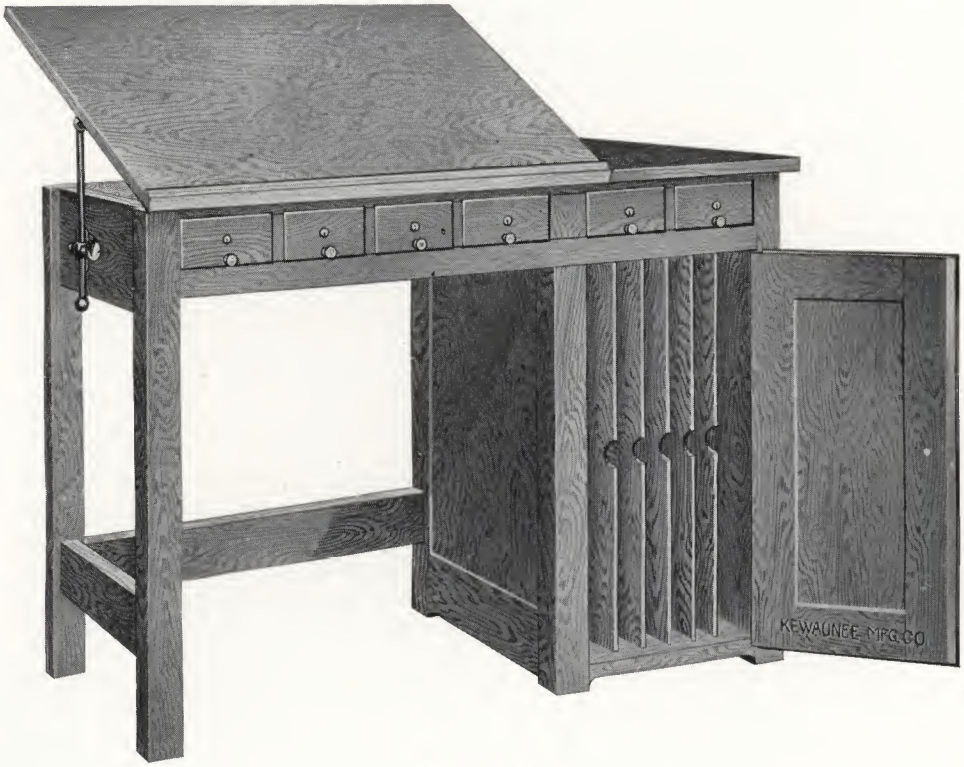
	Width	Height	Depth
Overall	18⅝ in.	5 ft. 7 in.	18 in.
24 Drawers	6½ in.	3½ in.	13½ in.

Construction—Selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. L-2075—300 lbs.

No. L-2075—Drawing Instrument Case, with masterkeyed locks.

No. L-2076—Drawing Instrument Case, without locks. Aluminum number plates furnished from 1 up unless otherwise specified.

No. L-2075



No. L-2077

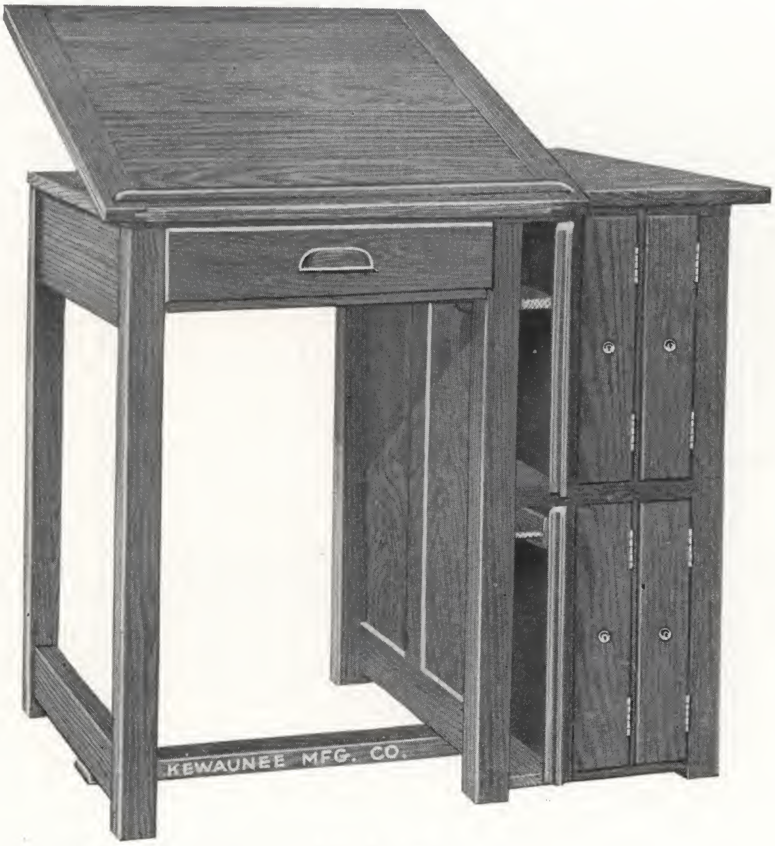
No. L-2077 ART TABLE

This six-section art table provides complete storage space for instruments and tools for six students in the private locked drawers in the upper rail. The compartment accommodates six boards or other art material. The top is adjustable and sufficiently large to take care of either junior or senior high school or university work.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	40 in.	20 in.	30 in.	
6 Drawers		5 in.	3½ in.	15½ in.

Compartments—Accommodate boards up to 16 in. x 20 in.
Construction—Oak body; oak plywood top.
Finish—No. 1 or No. 2 Oak.
Weight crated—No. L-2077—165 lbs.
No. L-2077—Art Table, with masterkeyed locks.
No. L-2078—Art Table, without locks.



No. L-2079

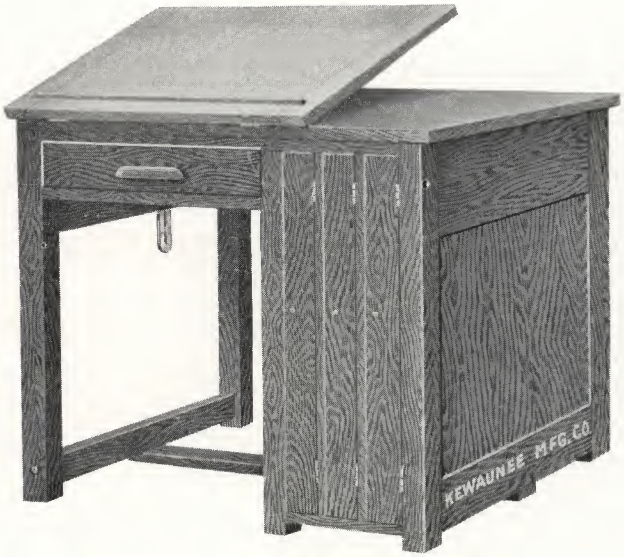
No. L-2079 ART TABLE

This art table has six compartments and will therefore accommodate six sections with private locked board and material compartments. Table has an adjustable tilting top, 20 by 24 inches, and a general drawer in rail. The shelves shown in compartments are not furnished unless called for.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	34 in.	20 in.	30 in.	
1 Drawer		16 in.	2½ in.	16 in.
6 Lockers		2¾ in.	11 in.	17 in.

Construction—Oak body; oak plywood top.
Finish—No. 1 or No. 2 Oak.
Locks—Masterkeyed locks on private locker doors.
Weight crated—130 lbs.
No. L-2079—Art Table, with masterkeyed locks.
No. L-2080—Art Table, without locks.



No. L-2081

No. L-2081 ART TABLE

This three-section table provides adjustable top or board, and still leaves a flat top at the side of the board for tools and materials. Boards, instruments and materials are stored in the compartment under one lock, while a general drawer is provided for classroom equipment. This is one of the most widely used Art Tables on the market, because of its convenience and economy.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	34 in.	20 in.	30 in.	
Adjustable Top	24 in.	20 in.		
1 Drawer		14 in.	2¼ in.	15 in.
3 Lockers		2¾ in.	4 in.	12 in.
Board Lockers		2¾ in.	21 in.	16 in.

Construction — Oak body; oak plywood top.
Finish—No. 1 or No. 2 Oak.
Locks—Masterkeyed locks on private lockers.
Weight crated—150 lbs.

No. L-2081—Art Table with masterkeyed locks.
No. L-2082—Art Table without locks.

No. L-2083 ART TABLE

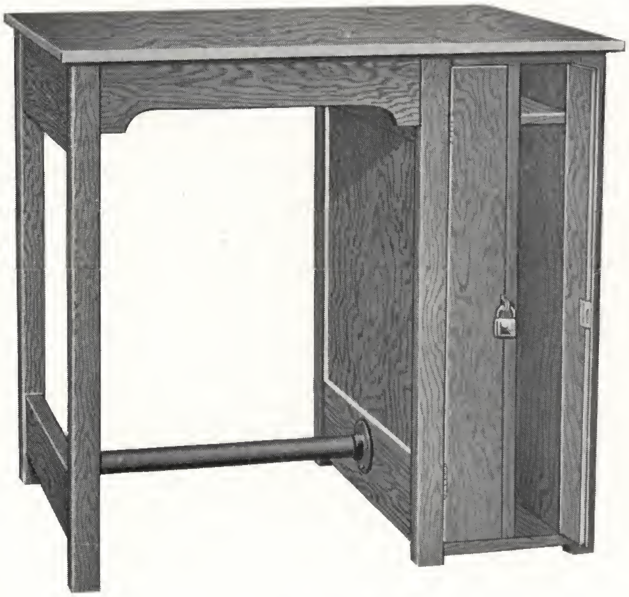
This table was designed for use in schools where not more than two sections are to be accommodated with private compartments. It has the advantage of having a very large compartment which will take large boards and large sheets of paper, combined with the advantage of covering a minimum of floor space, so that a very large number can be accommodated in the ordinary drawing room.

SPECIFICATIONS

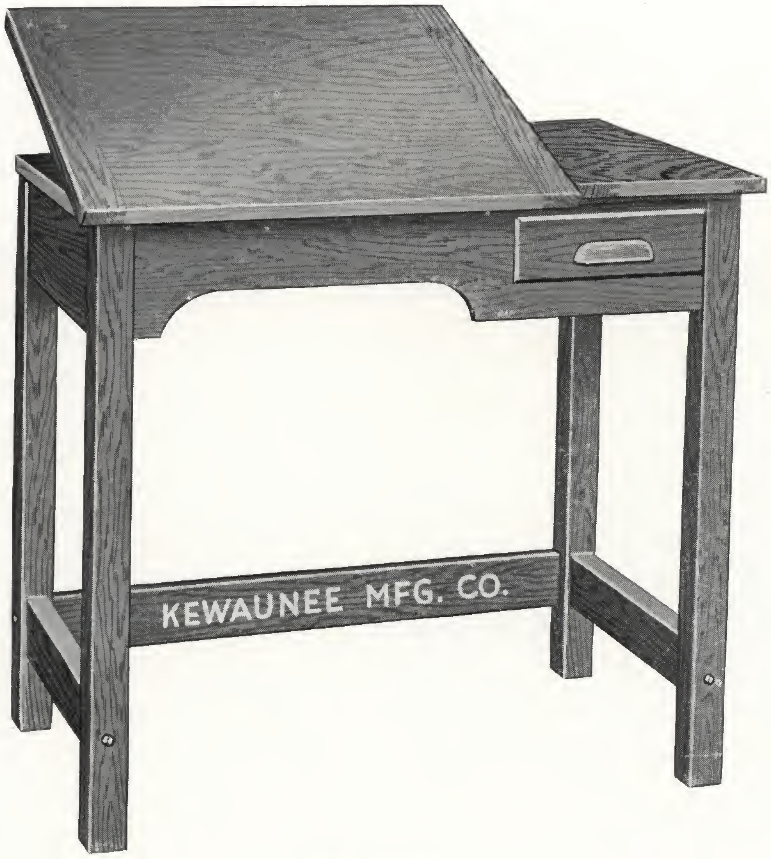
	Length	Width	Height	Depth
Overall	38 in.	26 in.	36 in.	
2 Compartments		4½ in.	30 in.	24½ in.

Construction — Oak body; oak plywood top.
Finish—No. 1 or No. 2 Oak.
Weight crated—135 lbs.

No. L-2083—Art Table, with hasps and eyes.
No. L-2084—Art Table, with masterkeyed locks.



No. L-2083



No. L-2085

No. L-2085 ART TABLE

A very economical art table for use where private storage accommodations for individual students are not required, or where wall lockers of some type are used to store equipment and material.

This table can also be used with interchangeable drawers stored in wall cases. Top is adjustable as shown, and this model is pedagogically correct in every respect.

SPECIFICATIONS

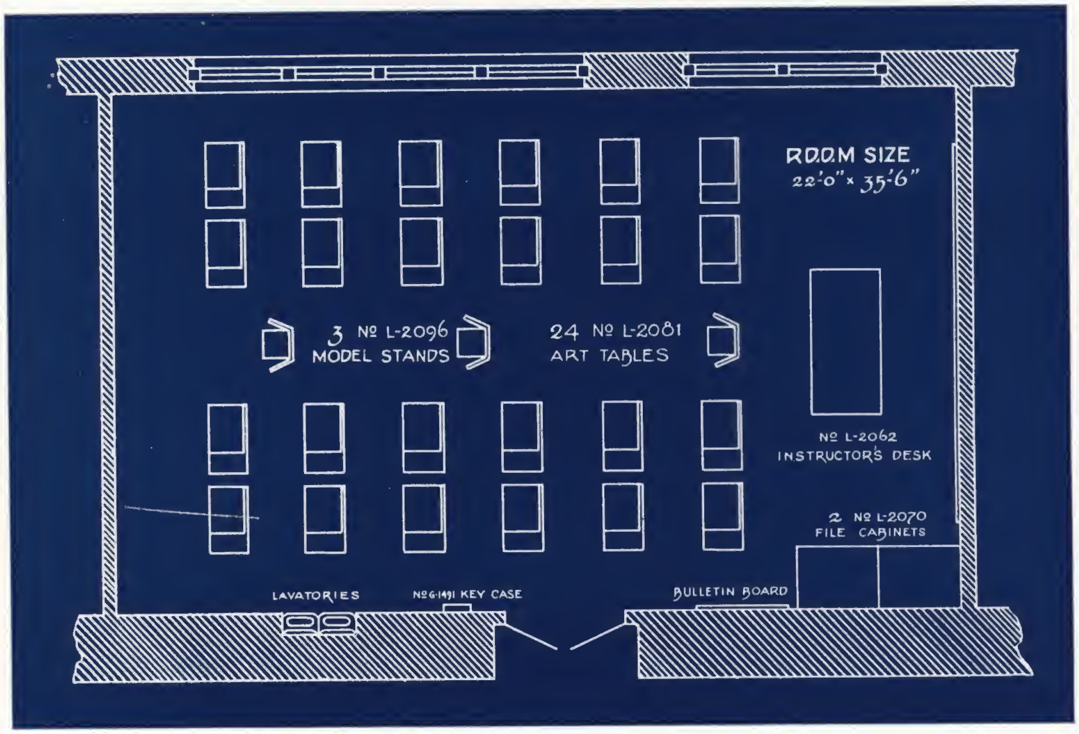
	Length	Width	Height	Depth
Overall	34 in.	20 in.	30 in.	
1 Drawer		8½ in.	2¾ in.	14½ in.
Adjustable Top	24 in.	20 in.		

Construction—Oak body; Oak plywood top.

Finish—No. 1 or No. 2 Oak.

Weight crated—75 lbs.

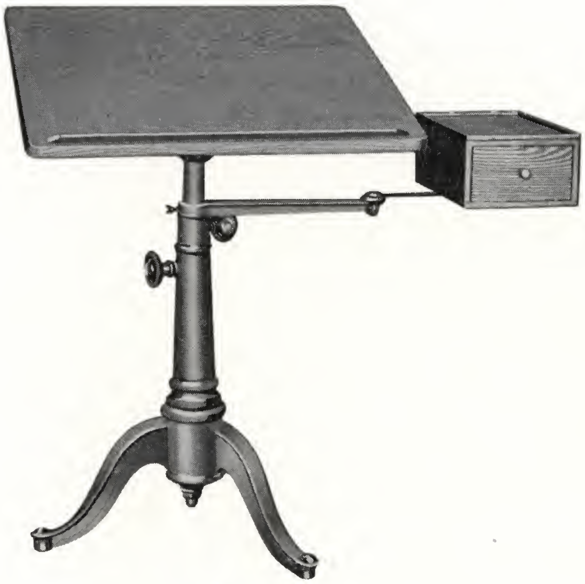
No. L-2085—Art Table.



ART ROOM PLAN D

Our most widely used Art Table is shown in Art Room Plan D. Three sections of students are provided with locked compartments for storing boards, instruments and other material at the Art Table, and one common drawer is provided at each table. Twenty-four students are accommodated in this Art room. Complete list of equipment included is as follows:

24 No. L-2081 Art Tables.
1 No. L-2062 Instructor's Table.
2 No. L-2070 Filing Cases.
3 No. L-2096 Model Stands.
1 No. G-1491 Key Case.



No. L-2090

No. L-2090 SINGLE PEDESTAL ADJUSTABLE ART TABLE

The base of this table is of the best grey cast iron, and the top is of selected oak. Table has height adjustment of from 30 to 41 inches. Can be furnished with or without horizontal shelf at back and with or without swinging-arm with drawer and tray arrangement.

SPECIFICATIONS

	Length	Width	Height
Overall	26 in.	23 in.	41 in.
Top	26 in.	23 in.	

Drawer—Swinging arm drawer and tray.

Construction—Oak top; grey cast iron base.

Finish—Top, No. 1 or No. 2 Oak. Base, black enamel.

Weight crated—80 lbs.

No. L-2090—As illustrated.

No. L-2091 SINGLE PEDESTAL ADJUSTABLE ART TABLE

Although especially designed for free-hand drawing, this table can be used very satisfactorily wherever a small table is desired. Table has a height adjustment from 30 to 41 inches, and is equipped with a 6 by 26 inch horizontal shelf at the back of the board. This shelf always remains horizontal and provides a place for tools while working with the top inclined.

SPECIFICATIONS

	Length	Width	Height
Overall	26 in.	29 in.	41 in.
Top	26 in.	23 in.	

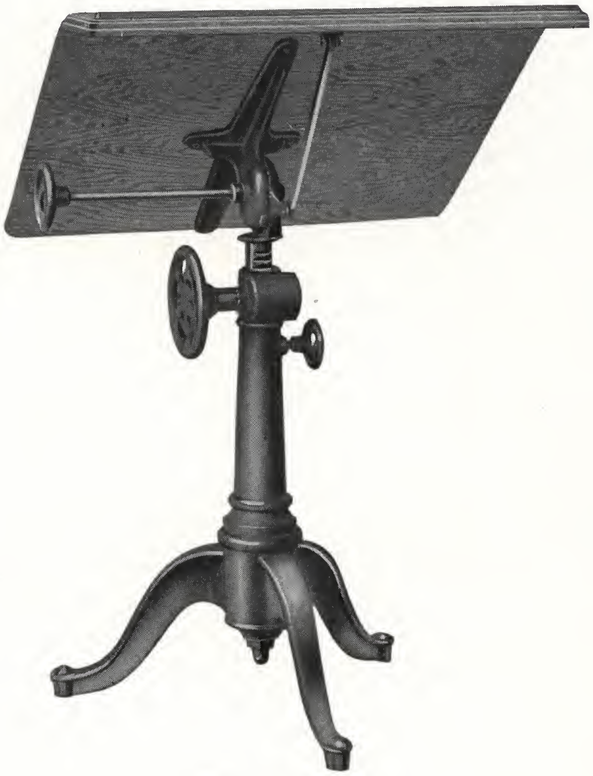
Construction—Oak top; best grey cast iron base.

Finish—Top, No. 1 or No. 2 Oak. Base, black enamel.

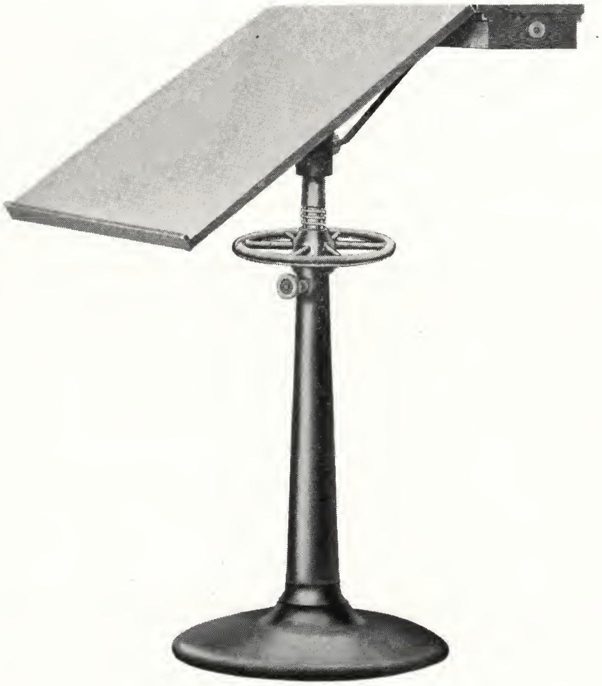
Weight crated—90 lbs.

No. L-2091—Art Table, with shelf.

No. L-2091A—Art Table, without shelf.



No. L-2091



No. L-2092

No. L-2092 ADJUSTABLE DRAWING STAND

Base is hollow and made of cast iron. Wheel adjusts height which small hand screw rigidly secures. The top is constructed of basswood and can be tilted to any angle desired. Top breaks seven inches from front end and contains a small drawer, where drawing instruments can be stored. Laminated Oak top finished in No. 1 or No. 2 Oak.

SPECIFICATIONS

	Length	Width
Top	29 in.	26 in.

Base has a diameter of 18 inches, and height of 22 inches to adjusting wheel.

Height of stand adjustment 30 to 41 inches.

Weight crated, 110 lbs.

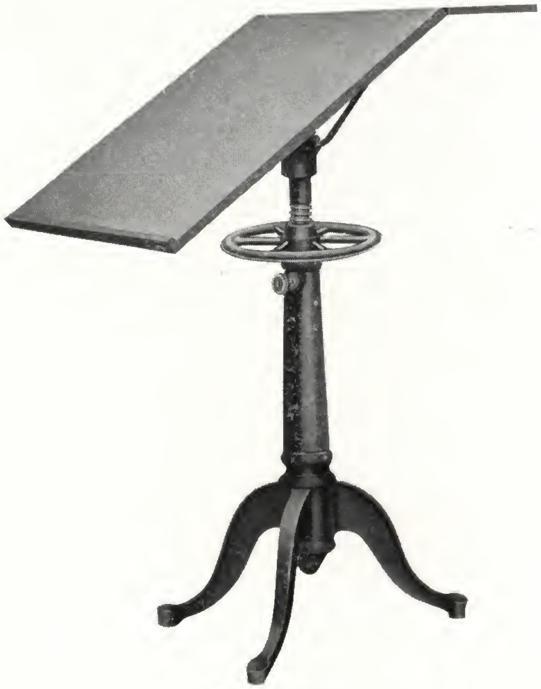
No. L-2092—Adjustable Drawing Stand.

No. L-2093 ADJUSTABLE DRAWING STAND

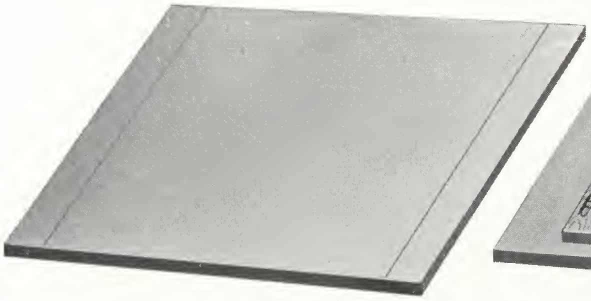
This board is identical to that listed above, except for the stand and drawer feature. It has drop end same as above and is adjusted level with the tilting of the board. Stand has three cast iron legs.

Weight crated, 100 lbs.

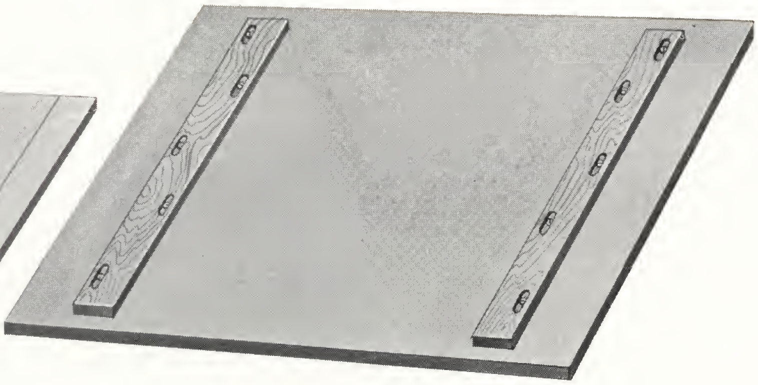
No. L-2093—Adjustable Drawing Stand.



No. L-2093



No. L-2094



No. L-2095

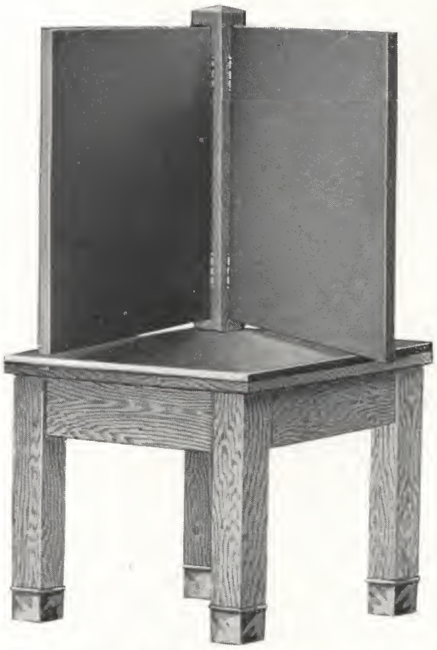
The No. L-2094 Board is a plain board, glued up of narrow strips $3/4$ in. thick, and the ends bound with $2\frac{1}{2}$ or 3 in. strips running the entire width, tenoned and grooved. Clear, selected basswood.

12 x 17-inch board.
20 x 26-inch board.
23 x 31-inch board.
31 x 42-inch board.
16 x 21-inch board.
22 x 28-inch board.
27 x 34-inch board.

The No. L-2095 Board is cleated underneath with heavy cleats secured solidly to the board as shown. Screws are countersunk.

20 x 26-inch board.
23 x 31-inch board.
31 x 42-inch board.
36 x 60-inch board.
22 x 28-inch board.
27 x 34-inch board.
33 x 55-inch board.

Weight—3 pounds per sq. ft. Additional charge for aluminum number plate at each end of board.



No. L-2097 STILL LIFE TABLE

SPECIFICATIONS

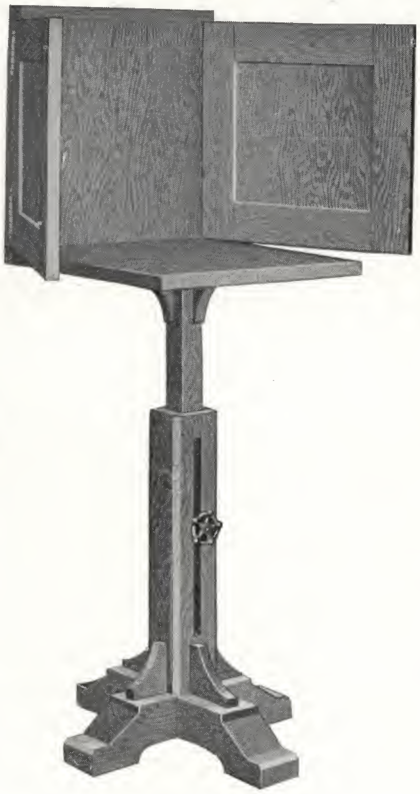
	Length	Width	Height
Overall	18 in.	18 in.	42 in.
Shadow Box	18 in.	18 in.	24 in.

Construction—Solid selected oak.

Finish—No. 1 or No. 2 Oak. Aluminum bronze inside.

Weight crated—70 lbs.

No. L-2097—Still Life Table.



No. L-2096 MODEL STAND

Shadow control is perfect in this stand, every necessary adjustment being easily made. Height adjustment, 12 in.

SPECIFICATIONS

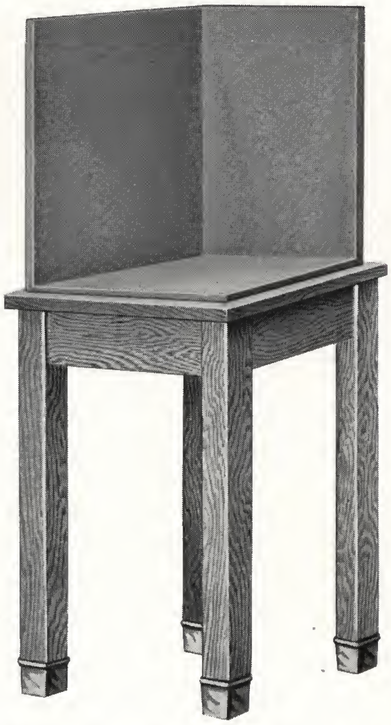
	Width	Height	Depth
Overall	15 in.	36 in.	15 in.

Construction—Selected oak.

Finish—No. 1 or No. 2 Oak.

Weight crated, 50 lbs.

No. L-2096—Model Stand.



No. L-2098 STILL LIFE TABLE

SPECIFICATIONS

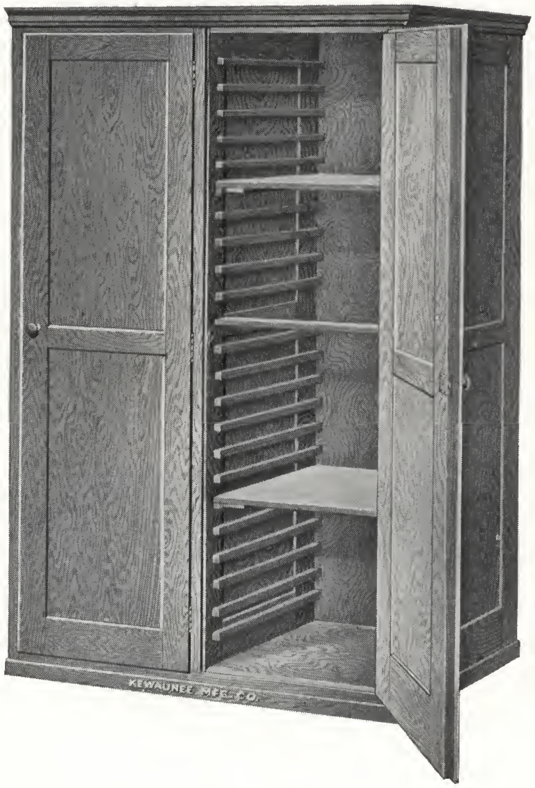
	Length	Width	Height
Overall	18 in.	18 in.	50 in.
Shadow box	15 in.	15 in.	20 in.

Construction—Solid selected oak.

Finish—No. 1 or No. 2 Oak. Aluminum bronze inside.

Weight crated—80 lbs.

No. L-2098—Still Life Table.



No. L-2099

No. L-2099 DRAWING BOARD STORAGE CASE

Forty-eight drawing boards are stored in this drawing board storage case, 24 boards being accommodated in each tier. Any desired number of tiers can be had built together to form a continuous case.

SPECIFICATIONS

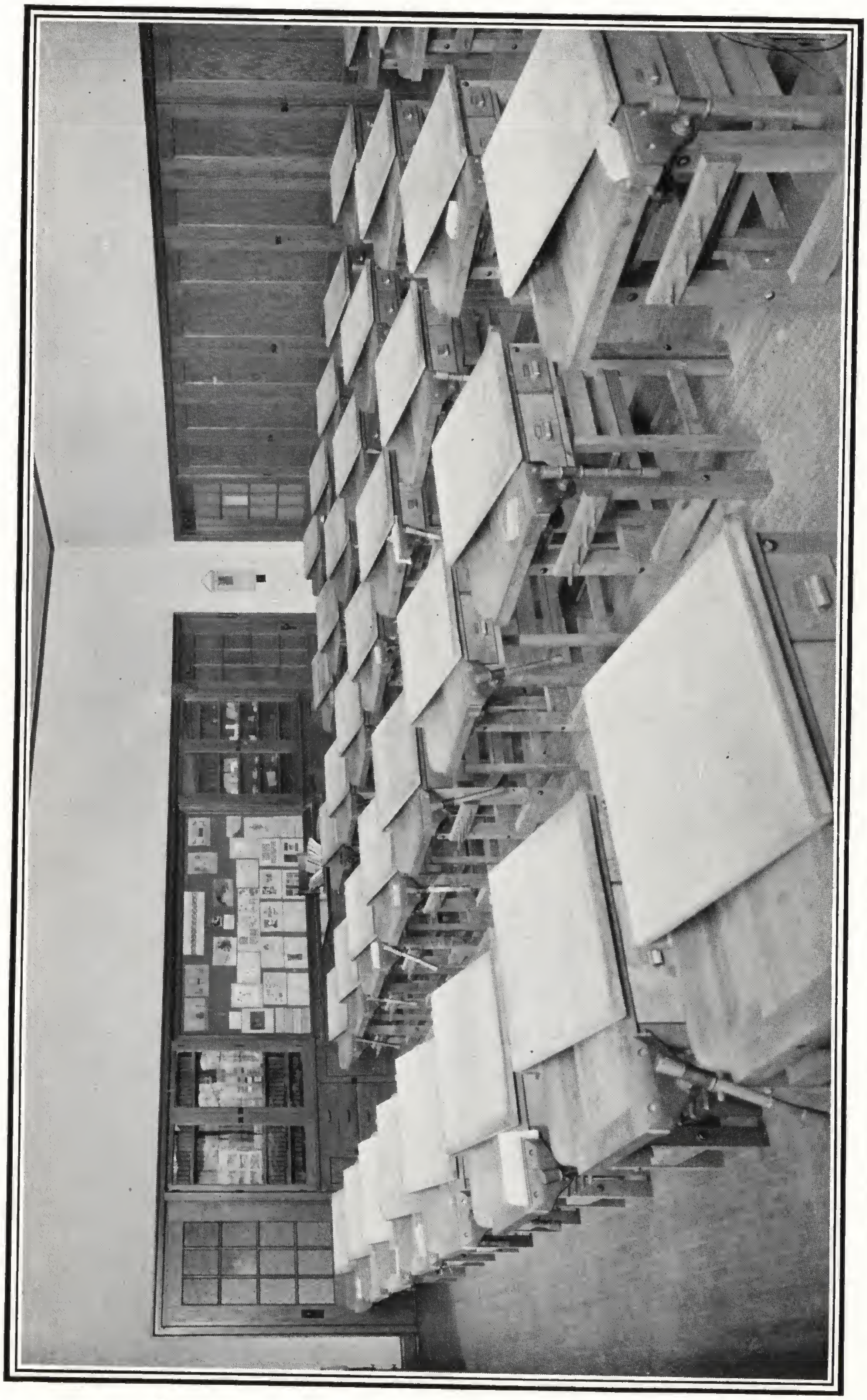
	Width	Height	Depth
Overall	46½ in.	6 ft.	20½ in.

Construction—Selected white oak; case accommodates 48 boards 16 in. x 21 in.

Finish—No. 1 or No. 2 Oak.

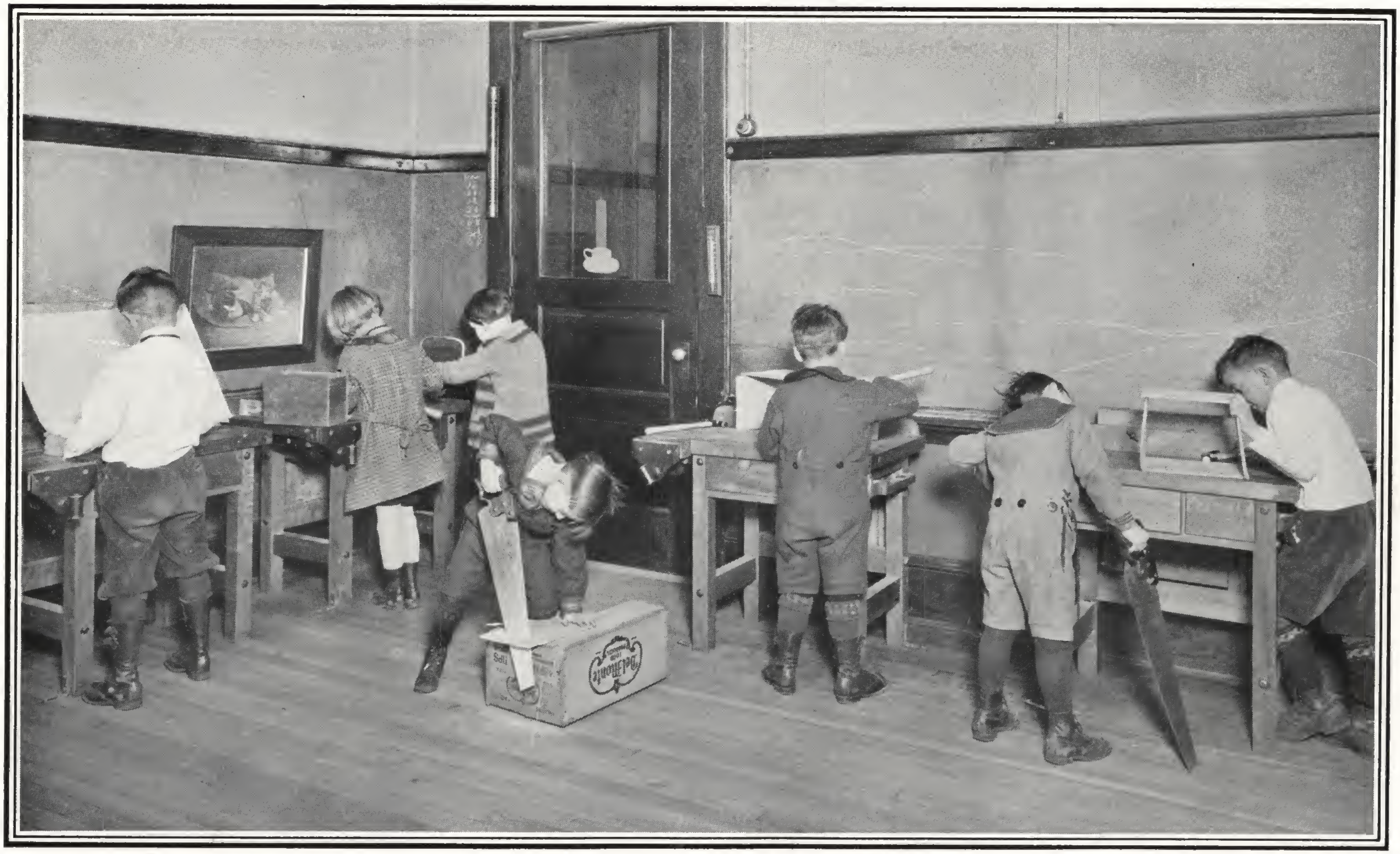
Weight crated—No. L-2099, 530 lbs.

No. L-2099—Drawing Board Storage Case.



An Installation of Forty Manifold Tables in a Combination Drawing, Fine Art, and Vocational Training Room in One of Des Moines New Schools.

Over Eight Hundred Manifold Tables Are in Use in Des Moines, Iowa Schools.



Manifold Tables in the Kindergarten.

THE MANIFOLD TABLE

FOR FINE AND INDUSTRIAL ARTS AND VOCATIONAL TRAINING

The Kewaunee Manifold Table is an economic necessity evolved as the result of the requirements of modern programs of education, coupled with the necessity for reduced investment per student in both present and contemplated buildings.

What the Kewaunee Lincoln Science Table, in laboratory equipment, has done and is doing for the science departments, particularly in secondary schools, in vastly increasing utility and improving pedagogy, the Kewaunee Manifold Table is doing for the fine and industrial arts and vocational training departments in primary, grade, and secondary school departments.

The Manifold Table, true to its name, meets many long-felt needs. It was first designed and put into use in the schools of Des Moines, Iowa, by Superintendent J. W. Studebaker, Mr. R. C. Wollman, and Miss Estelle Hayden, Directors of Industrial and Art Education respectively, in the same city. Over eight-hundred of these tables have been in use in Des Moines for the past six years, and they are, therefore, time tested both as to correct pedagogy and durability of construction.

A recent study by Dr. Paul C. Packer, in "Housing of High School Programs," has developed some interesting figures. We list a table below which indicates the percentage of disuse in art and vocational departments.

COMPARISON OF ACTUAL CAPACITY AND AVAILABLE ATTENDANCE IN EIGHT COSMOPOLITAN HIGH SCHOOLS, DECEMBER, 1919

(Data by Dr. P. C. Packer)

Type	Capacity	Attendance	Use in Percent of Capacity
Art	2,584	1,395	54%
Mechanical Drawing	2,924	1,634	56%
Shops	4,826	2,324	48%

The above figures indicate clearly the need for equipment that can be used for more than one purpose, so that each department might be so equipped as to be used to a degree approaching 100%. Note that the period of disuse in the art rooms is 46%, mechanical drawing 44%, and shops 52%. It follows that two rooms being used only approximately 50% of the time are the equivalent of only one room being fully used, and therefore the second room could be saved for some other purpose.

THE MANIFOLD TABLE HAS BEEN DESIGNED CHIEFLY TO ACCOMPLISH THE FOLLOWING GENERAL PURPOSES:

1. To allow the use of a room for a number of various purposes:
2. To economize in program making.
3. To save floor space by elimination of rooms being used only part of the time.

The Manifold Table being a combination drawing, art, and manual training table or bench, allows the use of a room so equipped for either drawing, art, or shop work. Many schools could accommodate all of their drawing, art, and woodworking classes in one room properly equipped, but in the past the equipment offered for any of these subjects precluded the possibility of use for either of the other two. In other schools mechanical drawing and woodworking can be combined to excellent advantage in a Manifold-equipped room. The advantages of the Manifold equipment are not restricted to its use in combining art, drawing, and woodworking, but are further increased by the adaptability of the desk for general academic work. The fact that all the students are comfortably seated at a correct working height, and with unobstructed vision in the room, together with the placement of students so that they all face one direction, and that a large number of students can be accommodated in an ordinary size room, make a Manifold-equipped room extremely attractive as an academic class or study room. Thus if teaching several different subjects in the same room does not keep the room fully in use, regular academic classes may be taken care of in it.

THE MANIFOLD TABLE IS SO DESIGNED THAT IT IS PEDAGOGICALLY CORRECT FOR USE WITH ANY OR ALL OF THE FOLLOWING SUBJECTS:

1. For fine arts work.
2. For mechanical drawing.
3. For industrial arts or craft work, including light metal work.
4. For woodworking. (Manual Training).
5. For general academic work.

The above shows the wide range of application of the Manifold Table, and the very large possible use of a room equipped with the Manifold Table. In fact, every room so equipped can be used each hour of the day, **with perfect comfort and convenience for each group using it.**

THE MANIFOLD TABLE WAS DESIGNED FOR USE IN THE FOLLOWING GRADES:

1. Platoon Schools, or other forms of departmentalized programs (Grades 2 or 3, to 6 or 8).
2. Non-departmentalized elementary school programs.
3. Kindergarten and Primary grades.
4. Junior High Schools (Grades 7, 8 and 9).
5. Senior High Schools.
6. Teacher Training Schools.

USE IN PLATOON SCHOOLS OR OTHER FORMS OF ELEMENTARY SCHOOL DEPARTMENTALIZED PROGRAMS (Grades 2 or 3, to 6 or 8).

In all forms of departmentalized programs, involving any of these grades, it is an essential requirement of good teaching that in its equipment and arrangement, each room should be particularly adapted to the activities to be conducted in it. The fine and industrial arts comprise activities which may be well done only when a room built for the purpose is provided. These activities require, among other things, the use of paints, brushes, pencils, clay, cardboard, paper, textiles, light wood, and tools.

The number of such rooms obviously depends upon the type of departmental program in use, the grades included, and the number of periods per week devoted to the activity. In large schools sometimes more than one special art room is needed, perhaps three or four may be required. In small schools one room will meet the need. It sometimes happens that one room is not needed full time for art work.

The Manifold Table exactly fits into any one of these situations because as the name indicates, practically any kind of work can be done on or at the desk; that is, painting, drawing, various kinds of work with tools, including woodworking, and pen and ink work, or work with books. The multiple use of the desk solves the problem of cost in having a highly specialized room in use part time, and further is the most pedagogically correct art equipment for use in art departments used all of the time for teaching art.

The desk and chairs are furnished in several sizes to fit the students of various grades who come to such a room for their work. A room is equipped with enough desks to accommodate the largest class that comes to it—usually about forty. The arrangement of the desks in a room built for this purpose may be seen illustrated on Page 391. The distribution of sizes of desks and chairs for different combinations of grades is given on Page 398.

LARGE SAVING OF MONEY EFFECTED BY USE OF MANIFOLD EQUIPMENT IN THE DEPARTMENTALIZED GRADE SCHOOL.

Through the use of the MANIFOLD TABLE a large saving of money is effected by putting more schoolrooms and equipment into continuous use and by eliminating duplication of teaching service.

In many school systems manual training (largely wood working) and sewing are taught a short time each week in grades 5 and 6 by itinerant teachers who go to various schools, called "centers" and teach in "manual training" and "sewing" or "home economics" rooms. These rooms are frequently used for this purpose only a part of the time each week, and because of their highly specialized equipment, they cannot be used advantageously for other work during the remainder of the week. They are therefore "idle" rooms containing "idle" equipment. Invested capital is also "idle". Furthermore, these rooms will usually accommodate about twenty-four pupils. When the "special" teachers (manual training and sewing teachers) take a regular group of pupils into these "special" rooms, the whole group usually numbers from thirty-five to forty, thus requiring two "special teachers." When these pupils are taking this work, the regular teacher is "idle," that is, she is relieved of the group of pupils for the care of which she is regularly responsible on other days of the week at that time. This means that for that period and for every other similar period during the week and year, the school system has employed three teachers to take care of one group of pupils. Or, in other words, during such periods, the per pupil cost of instruction has tripled.

Combining this excessive cost of duplication of teaching service with that involved in the "idle" rooms and equipment, and continuing it as a permanent operating plan means that in many school systems large sums of money are annually being diverted to an unnecessary and unprofitable expenditure.

The use of the MANIFOLD TABLE

makes possible such a combination and elaboration of fine and industrial or practical arts work that it may be substituted for the so-called manual training (wood working) and sewing, thus eliminating the latter from grades 5 and 6 or any lower grade.

With this reorganization in effect, the teachers of fine and industrial art in a room equipped with MANIFOLD TABLES (a teacher of arts and crafts is usually best qualified for this work) can instruct classes of normal size, that is, the regular classes in the departmental organization numbering from thirty to forty to forty-five.

The immediate results of such a reorganization are:

1. The release of the "special" teachers for full time service elsewhere in the system, perhaps in the junior high school where manual training and home economics teachers actually "count" as teachers in the care of pupils the same as academic teachers.
2. The release of the special equipment from elementary schools, where it is not in continuous use, to junior or senior high schools where it may be used full time, thus reducing the total capital investment in such equipment.
3. The availability of the "special' rooms in elementary schools for full time use.
4. A continuous, uninterrupted program for the regular elementary school teachers.
5. Entirely adequate provision of equipment in elementary schools for fine and industrial arts.

USE IN THE KINDERGARTEN AND PRIMARY GRADES.

Progressive educational practice recognizes the need of providing many opportunities for children to **express** themselves. Among the most important of these is the expression of the constructive instinct which may be stimulated and developed into wholesome appreciations and profitable habits through activities ordinarily classified as industrial or practical arts, correlated with the other aims of the curriculum. Such activities are made possible and satisfactory only when proper equipment is available for use.

These activities include the making of play houses and house furnishings in connection with projects in shelter, and many of the activities in projects with clothing and clothing materials, utensils and tools.* The drawing board will be found most useful in making large drawings for class discussion.

The MANIFOLD TABLE, together with a few small tools, provides the necessary equipment with which to carry forward such projects. A number of these tables—from four to eight—are placed in each kindergarten and primary classroom, the number depending upon the size of the room and the number of pupils in the class. In some schools, small shops, large enough to accommodate from ten to fifteen tables are built in connection with kindergarten and primary classrooms. One of these shops or the regular classrooms are supplied with adequate storage space built in the walls, or provided by the use of wall cases.

USE IN NON-DEPARTMENTALIZED ELEMENTARY SCHOOL PROGRAMS.

In elementary schools where departmentalized programs are not in operation, the tables may be used by equipping one room to which teachers may take their classes. This room may regularly be used as a home room or classroom for one group of pupils.

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*See "The Elementary School Curriculum" by Bonser, particularly Chapter IX, published by Macmillan & Co.

USE IN JUNIOR AND SENIOR HIGH SCHOOLS.

The MANIFOLD TABLE is admirably adapted for the following uses in Junior High Schools:

(a) Fine and industrial arts, or craft work.

(b) Woodworking and mechanical drawing.

School administrators and principals will quickly recognize the advantages of this table in facilitating program operation and in effecting economics in cost. One of the difficult problems in junior and senior high school organization is the provision of rooms to be used for technical and highly specialized activities, but so equipped and arranged that they may also be used for other purposes.

With the traditional equipment, the art, woodworking, and mechanical drawing rooms have always contributed considerably to these difficulties.

The MANIFOLD TABLE should be used in all fine arts and craft work rooms because these tables make possible any kind of work in these fields. At the same time rooms thus equipped may be used for academic work if necessary.

Woodworking rooms should also be equipped with Manifold Tables to allow the use of the woodworking room for mechanical drawing. Both subjects may be taught with equal facility. The addition of the drawing board to the manual training bench is a great convenience even where manual training shops are used every hour in the day, because the board allows the student to make sketches, laying out work, as well as drawings of proposed work.

Where there are enough classes in mechanical drawing to use a mechanical drawing room to full capacity, it is advisable to use a regular Kewaunee drawing room table in this room.

USE IN TEACHER TRAINING SCHOOLS.

The MANIFOLD TABLE will be found very useful in teacher training institutions which offer courses in preparation for the teaching of fine and industrial arts or craft work.

TABLE OF DISTRIBUTION OF SIZES OF MANIFOLD TABLES FOR VARIOUS GRADES AND USES

KINDERGARTEN AND PRIMARY GRADES.

No. M-3025 Manifold Table, 26 in. high.
No. M-3030 Manifold Table, 26 in. high.

DEPARTMENTALIZED SCHOOL GRADES 3 to 5, INCLUSIVE.

3 No. M-3036 Manifold Tables, 27 in. high, with chair 15 in. high.
17 No. M-3037 Manifold Tables, 28 in. high, with chair 15½ in. high.
17 No. M-3038 Manifold Tables, 29 in. high, with chair 16½ in. high.
3 No. M-3039 Manifold Tables, 30 in. high, with chair 17½ in. high.

OR

3 No. M-3041 Manifold Tables, 27 in. high, with chair 15 in. high.
17 No. M-3042 Manifold Tables, 28 in. high, with chair 15½ in. high.
17 No. M-3043 Manifold Tables, 29 in. high, with chair 16½ in. high.
3 No. M-3044 Manifold Tables, 30 in. high, with chair, 17½ in. high.

DEPARTMENTALIZED SCHOOL GRADES 6 to 8, INCLUSIVE.

5 No. M-3037 Manifold Tables, 28 in. high, with chair 15½ in. high.
16 No. M-3038 Manifold Tables, 29 in. high, with chair 16½ in. high.
16 No. M-3039 Manifold Tables, 30 in. high, with chair 17½ in. high.
3 No. M-3035 Manifold Tables, 32 in. high, with chair 17½ in. high.

OR

5 No. M-3042 Manifold Tables, 28 in. high, with chair 15½ in. high.
16 No. M-3043 Manifold Tables, 29 in. high, with chair 16½ in. high.
16 No. M-3044 Manifold Tables, 30 in. high, with chair 17½ in. high.
3 No. M-3040 Manifold Tables, 32 in. high, with chair 17½ in. high.

WOODWORKING AND MECHANICAL DRAWING ROOMS.

No. M-3045 Manifold Table, 32 in. high.

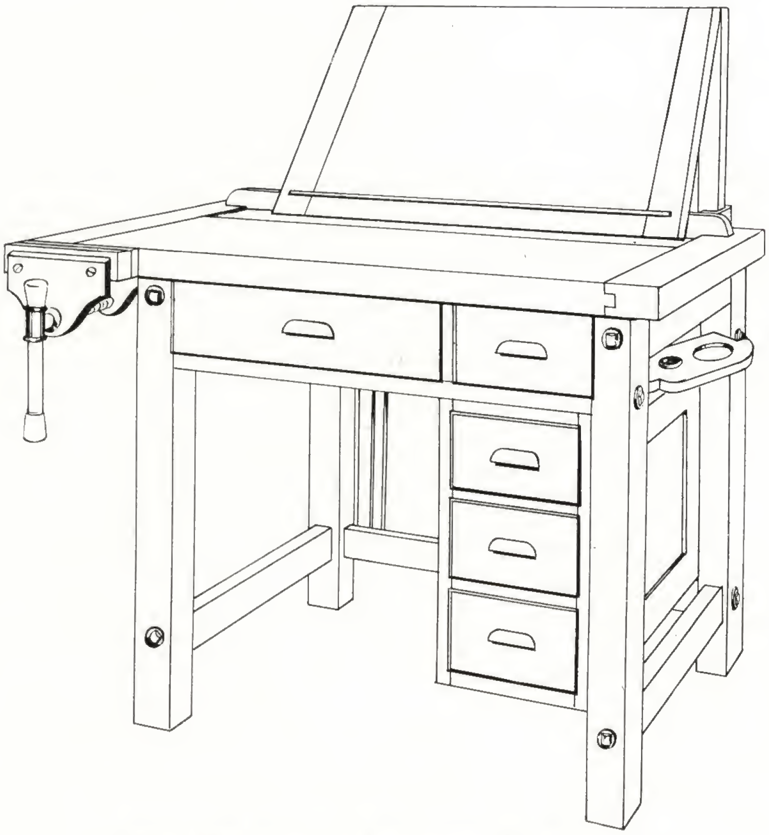
Or

No. M-3050 Manifold Table, 32 in. high.

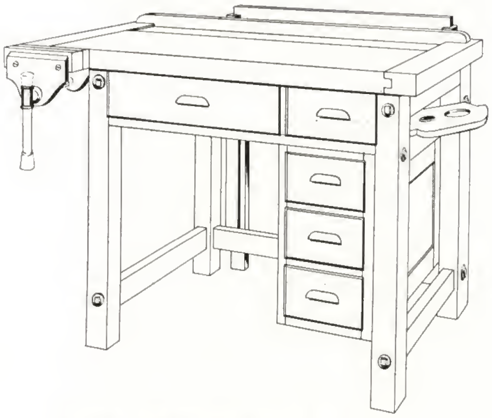
Or

No. M-3055 Manifold Table, 32 in. high.

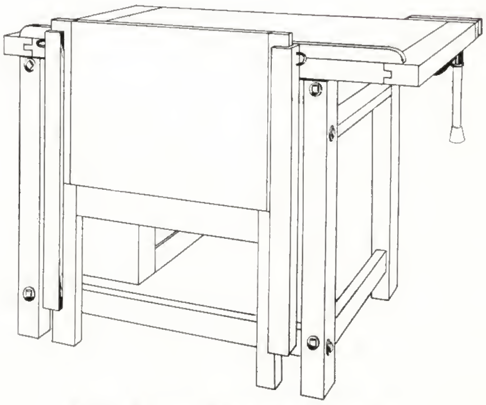
The above table showing distribution of sizes of tables used for various grades and purposes is the result of the careful measurement of thousands of students in an effort to determine the correct proportions of various table and chair heights, and is a very accurate guide.



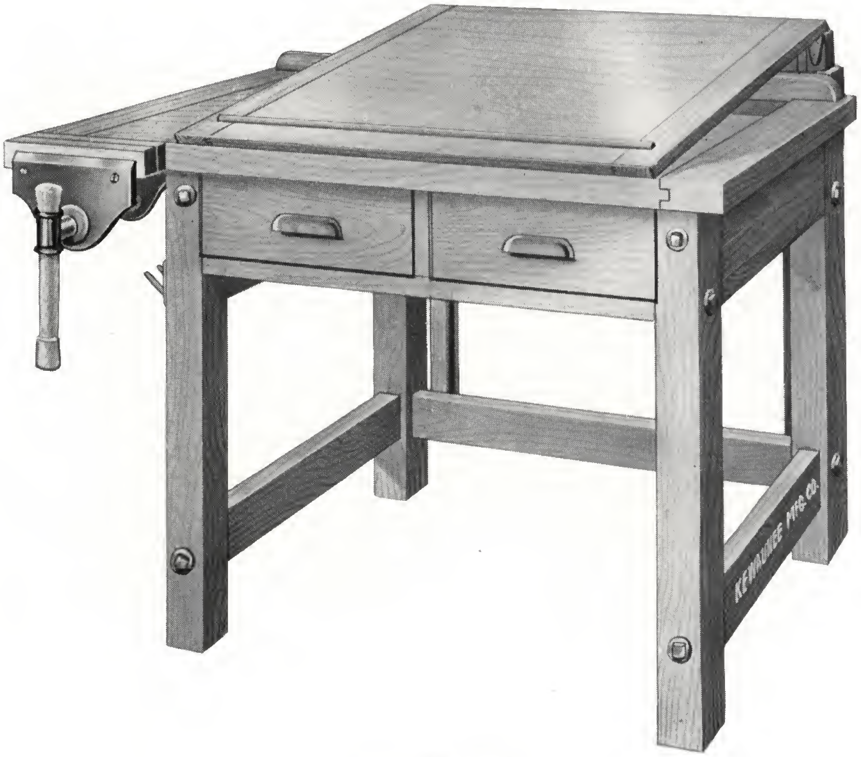
Front View Showing Board in Raised Position.



Front View Showing Board in Lowered Position.



Rear View Showing Board in Lowered Position.


KEWAUNEE MFG. CO.

No. M-3025

No. M-3025 MANIFOLD TABLE

This table, with its large drawing board which can be dropped back of the table entirely out of the way, and with its vise and peg rack, makes an ideal table for kindergarten and primary room project work. Of a height and size that allows its convenient use by kindergarten and primary students, this table will be a valuable adjunct to the kindergarten and primary equipment.

SPECIFICATIONS

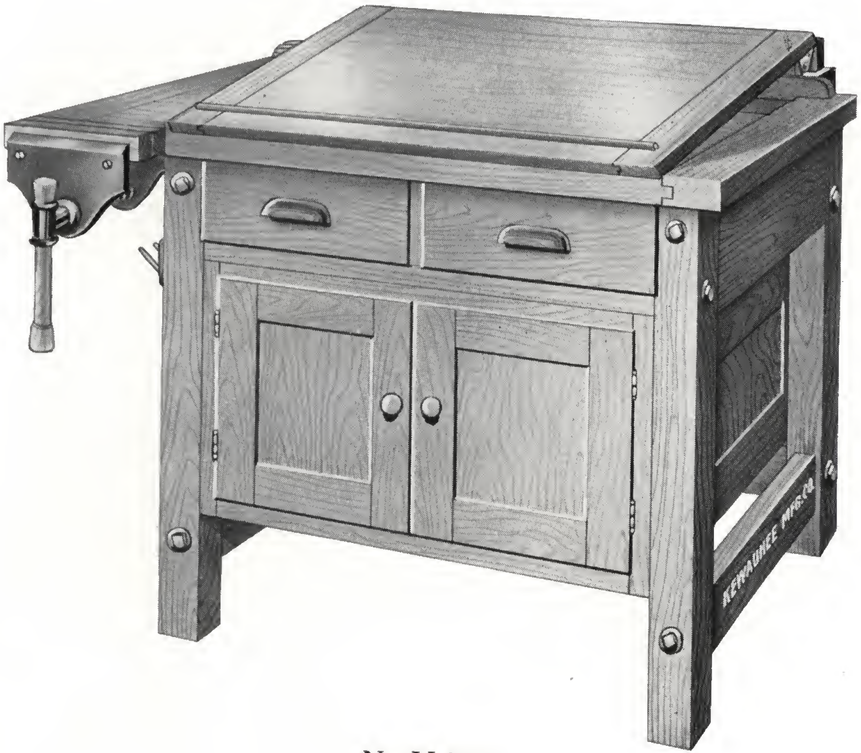
	Length	Width	Height	Depth
Overall	34 in.	18 in.	26 in.	
2 drawers		8 9/16 in.	3½ in.	16⅜ in.
Tool well	27½ in.	6 in.	1 in.	
Drawing board	21½ in.	20 in.		

Construction—Body and top built of birch; drawing board of yellow pine.
Finish—Natural oiled finish.

Fixtures—Table is equipped with one 7 in. general utility vise, and is also equipped with a peg board.

Weight crated—90 lbs.

No. M-3025—Manifold Table.


KEWAUNEE MFG. CO.

No. M-3030

No. M-3030 MANIFOLD TABLE

The design shown above is similar in all respects to No. M-3025 Manifold Table, except that it has a double cupboard as shown, measuring 16⅜ in. long by 18⅜ in. wide by 10⅝ in. high, and allows small pieces of material and unfinished wood to be stored in the table itself. This table is particularly adapted for use where wall cases for storage of material and unfinished work are not provided.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	34 in.	18 in.	26 in.	
2 drawers		8 9/16 in.	3½ in.	16⅛ in.
Cupboard	16⅜ in.	18⅜ in.	10⅝ in.	
Tool well	27½ in.	6 in.	1 in.	
Drawing board	21½ in.	20 in.		

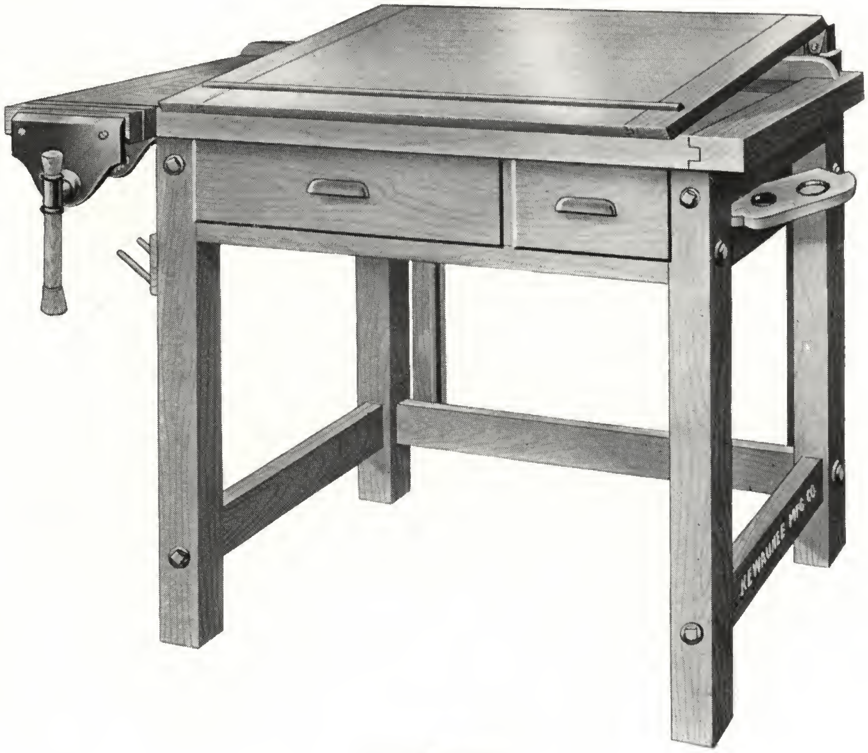
Construction—Body and top built of birch; drawing board of yellow pine.

Fixtures—Table is equipped with one 7 in. general utility vise, and is also equipped with a peg board.

Finish—Natural oiled finish.

Weight crated—135 lbs.

No. M-3030—Manifold Table.


KEWAUNEE MFG. CO.

No. M-3035

No. M-3035 MANIFOLD TABLE

Furnished in a number of various heights, this table has a wide range of use in the departmentalized grades, and is designed for use in Grades 3 to 8 inclusive. The large and small drawer offer ideal accommodations for books or tools, while the ink and water pan swing back entirely out of the way. The conveniences, together with the peg rack, various adjustable features of the board, and placement of the vise, make the table the ideal equipment for the departmentalized school.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	38 in.	18 in.	32 in.	
1 drawer		15 in.	3½ in.	16⅛ in.
1 drawer		5⅝ in.	3½ in.	16⅛ in.
Tool well	31½ in.	6 in.	1 in.	
Drawing board	25½ in.	20 in.		

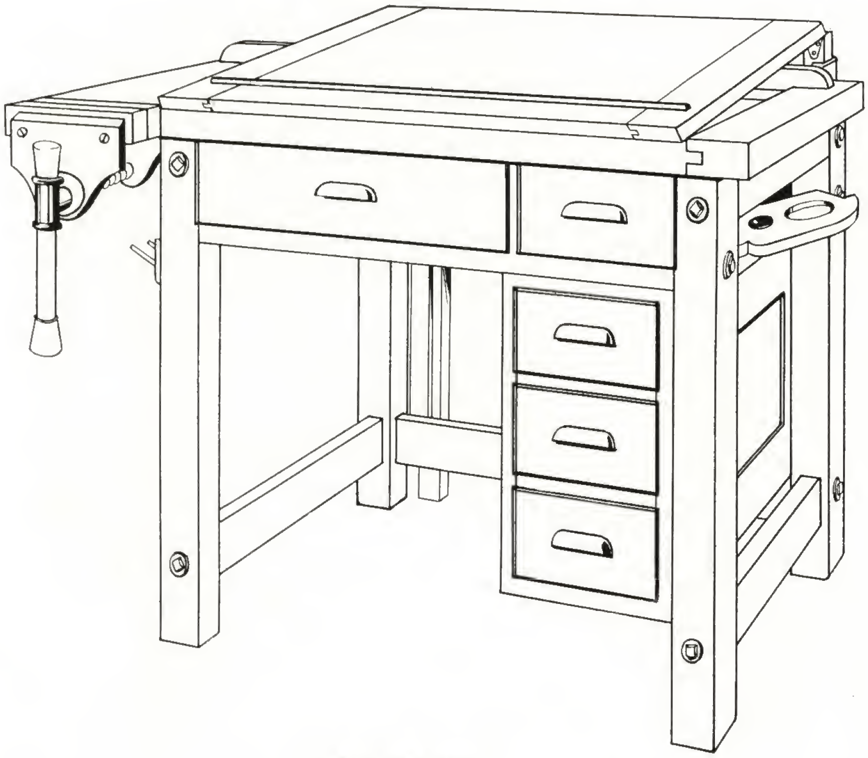
Construction—Body and top built of birch; drawing board of yellow pine.

Finish—Natural oiled finish.

Fixtures—Table is equipped with one 7 in. utility vise, and is also equipped with a peg board, and combination ink and water pan carrier.

Weight crated—100 lbs.

No. M-3035—Manifold Table, 32 in. high.
No. M-3036—Manifold Table, 27 in. high.
No. M-3037—Manifold Table, 28 in. high.
No. M-3038—Manifold Table, 29 in. high.
No. M-3039—Manifold Table, 30 in. high.



No. M-3040

No. M-3040 MANIFOLD TABLE

Similar to the No. M-3035 Manifold Table, except in the addition of three drawers for additional accommodations of private tools and material, this table fulfills the same purpose, but provides additional capacity in the way of private drawers. The table is so designed that the recess has been left large enough to allow a student to be comfortably seated. Where desired, an additional section of three drawers as shown may be furnished, fastened to the outside of the left-hand pair of legs, thus furnishing six private drawers.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	38 in.	18 in.	32 in.	
1 drawer		15 in.	3½ in.	16⅛ in.
1 drawer		5⅝ in.	3½ in.	16⅛ in.
3 drawers		4¾ in.	3½ in.	16⅛ in.
Tool well	31½ in.	6 in.	1 in.	
Drawing board	25½ in.	20 in.		

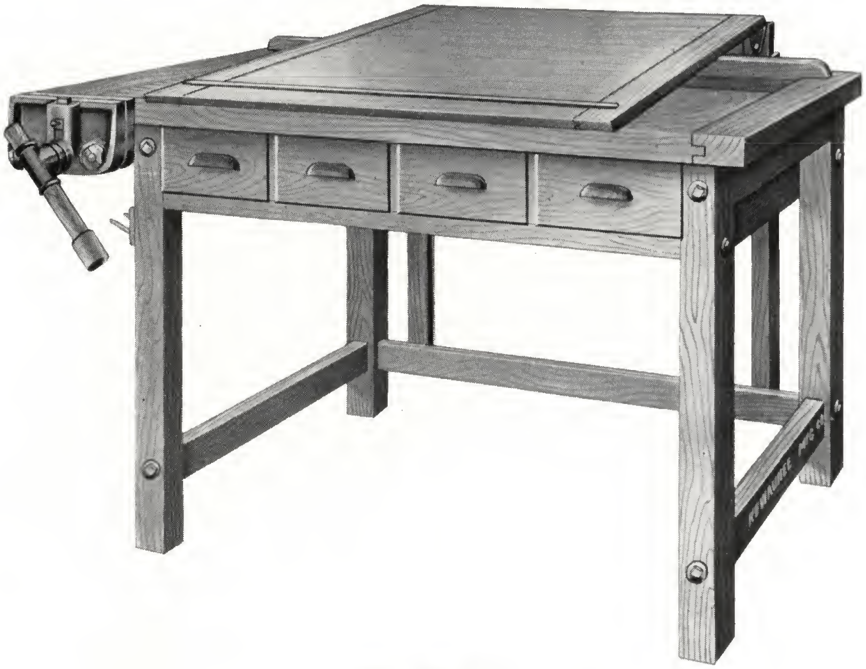
Construction—Body and top built of birch; drawing board of yellow pine.

Finish—Natural oiled finish.

Fixtures—Table is equipped with one 7 in. general utility vise, and is also equipped with a peg board, and combination ink and water pan carrier.

Weight crated—120 lbs.

No. M-3040—Manifold Table, 32 in. high.
No. M-3041—Manifold Table, 27 in. high.
No. M-3042—Manifold Table, 28 in. high.
No. M-3043—Manifold Table, 29 in. high.
No. M-3044—Manifold Table, 30 in. high.


KEWAUNEE MFG. CO.

No. M-3045

No. M-3045 MANIFOLD TABLE

The size of the bench top and the size of the drawing board make this table ideal for junior high and high school shop work, and mechanical drawing. The adjustable drawing board being 25½ in. wide by 25½ in. long will take care of all ordinary mechanical drawing plates, while a 50 in. length of top is large enough for any work ordinarily carried on in the woodworking shops of the ordinary secondary school. The four drawers provided will accommodate four students, with private drawers for drawing tools and material.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	50 in.	24 in.	32 in.	
4 drawers		6¼ in.	3½ in.	22⅛ in.
Tool well	43½ in.	7 in.	1 in.	
Drawing board	25½ in.	25½ in.		

Construction—Body and top built of birch; drawing board of yellow pine.

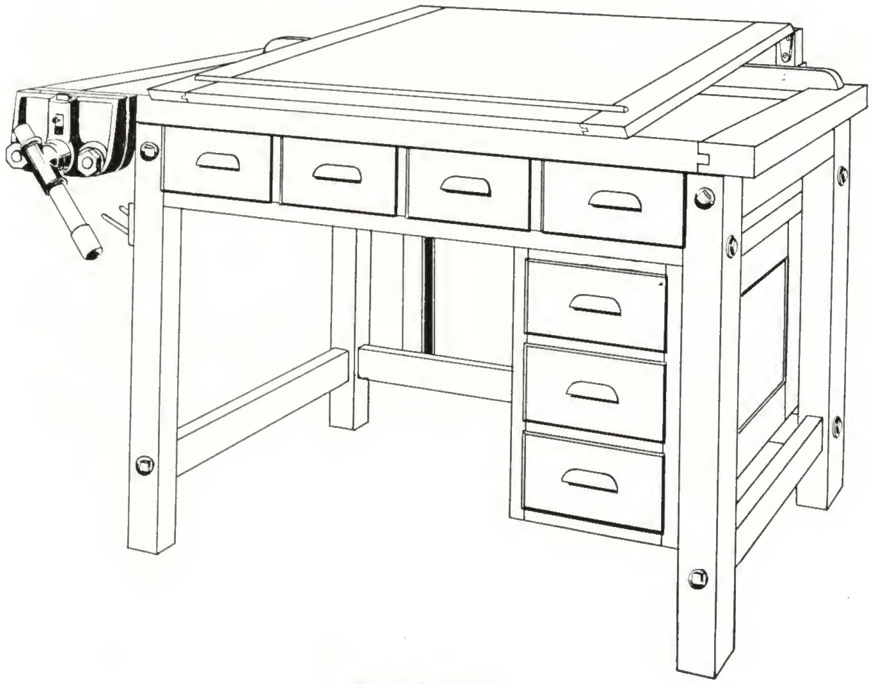
Finish—Natural oiled finish.

Fixtures—Table is equipped with a Morgon or Oliver vise, and is also equipped with a peg board.

Weight crated—110 lbs.

No. M-3045—Manifold Table,

No. M-3046—Manifold Table, same as above, but with locks.



No. M-3050

No. M-3050 MANIFOLD TABLE

This table is the same as No. M-3045, except that it provides three additional drawers, making a total of seven drawers for private storage of individual mechanical drawing equipment. The use of this number is particularly adapted to take care of day school work, with an additional three drawers for the use of night school students.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	50 in.	24 in.	32 in.	
7 drawers		6¼ in.	3½ in.	22⅛ in.
Tool well	43½ in.	7 in.	1 in.	
Drawing board	25½ in.	25½ in.		

Construction—Body and top built of birch; drawing board of yellow pine.

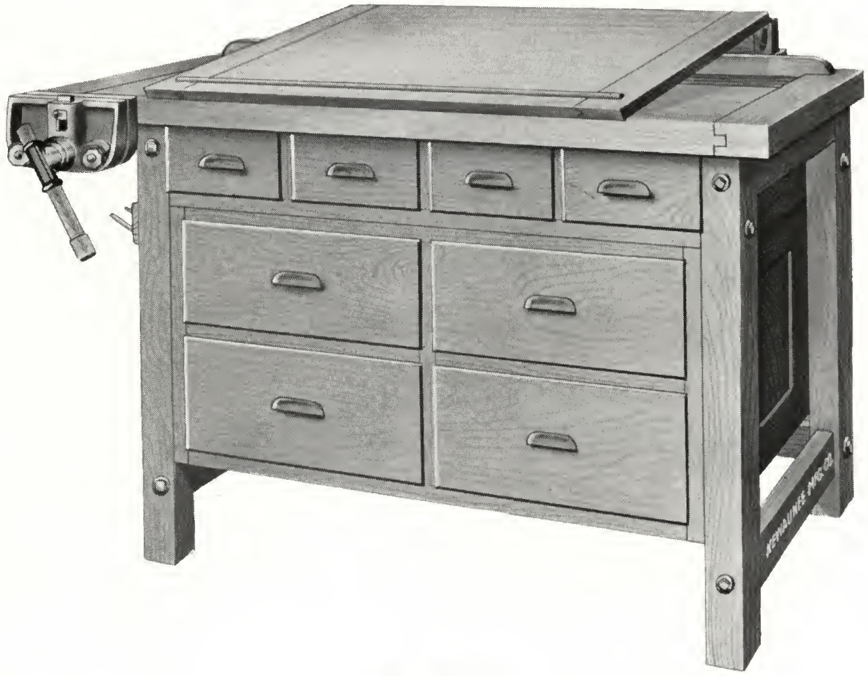
Finish—Natural oiled finish.

Fixtures—Table is equipped with Morgon or Oliver vise, and is also equipped with a peg board.

Weight crated—125 lbs.

No. M-3050—Manifold Table.

No. M-3051—Manifold Table, same as above, but with locks.



No. M-3055

No. M-3055 MANIFOLD TABLE

No. M-3055 is the ideal combination manual training bench and mechanical drawing table for junior and senior high schools. It provides four drawers for drawing tools and equipment, and four drawers for manual training tools and equipment, and makes an ideal combination table in every respect. It is extremely convenient, and the ease with which the drawing board is lowered in position at the back of the table and out of the way makes the period of transition of a drawing room to a woodworking shop almost momentary. Further, the ease with which the woodworking student can raise the adjustable board into its drawing table position and make sketches in connection with his woodworking activities, adds greatly to the woodworking utility of the table.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	50 in.	24 in.	32 in.	
4 drawers		6¼ in.	3½ in.	22 in.
4 drawers		13 11/16 in.	7 in.	22 in.
Tool well	43½ in.	7 in.	1 in.	
Drawing board	25½ in.	25½ in.		

Construction—Body and top built of birch; drawing board of yellow pine.

Finish—Natural oiled finish.

Fixtures—Table is equipped with one Morgon or Oliver vise, and is also equipped with a peg board.

Weight crated—200 lbs.

No. M-3055—Manifold Table.
No. M-3056—Manifold Table, same as above, but with locks.

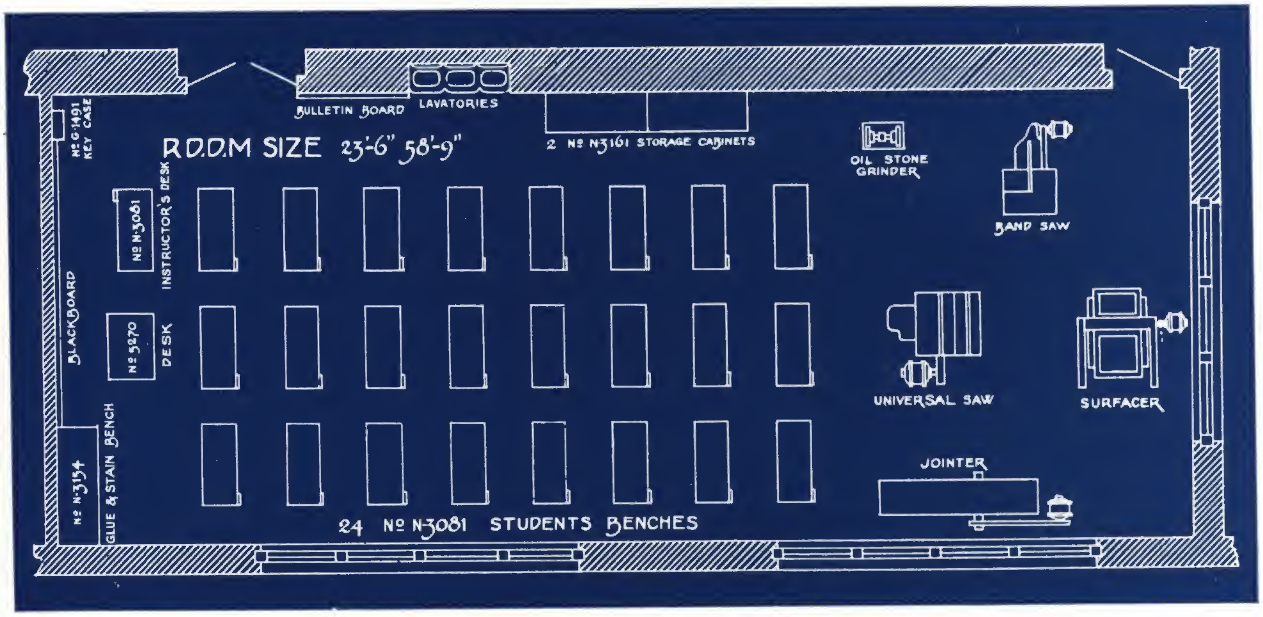
VOCATIONAL FURNITURE

Wood working and metal working benches must be so heavily built and well constructed, as to be practically indestructible, if they are to stand up satisfactorily in use. The Kewaunee line of Manual Training and Metal working benches shown herewith are built to meet this condition. The Phantom Drawing shown on the next page shows the hidden details of construction that make Kewaunee benches so permanently satisfactory.

Benches in various designs, and having various drawer and cupboard accommodations, are provided and present a wide choice of benches to meet every shop requirement.

A complete showing of storage cases, tool cases, tool benches, metal worker's tables and lumber racks is also included in this section.

WOOD WORKING AND WOOD TURNING
HIGH SCHOOL, NEW ALBANY, IND.

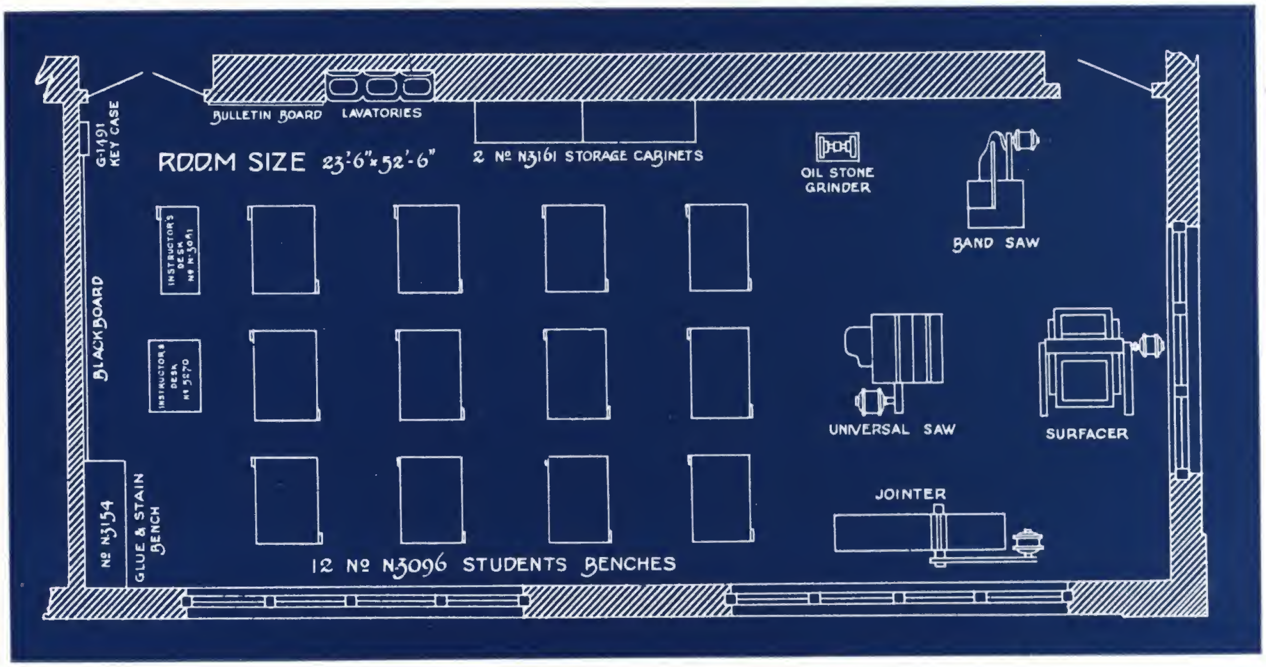


WOOD WORKING LAYOUT PLAN "A"

24 students are accommodated in the wood working room Plan "A" illustrated herewith. A single, one drawer bench, is used and the use of single manual training benches is recommended wherever available room size will permit.

The complete equipment included in Plan "A" is as follows:

24 No. N-3081 Wood Working Benches.
1 No. N-3081 Instructor's Desk.
1 No. N-3154 Glue and Stain Bench.
2 No. N-3161 Storage Cabinets.
1 No. G-1491 Key Case.

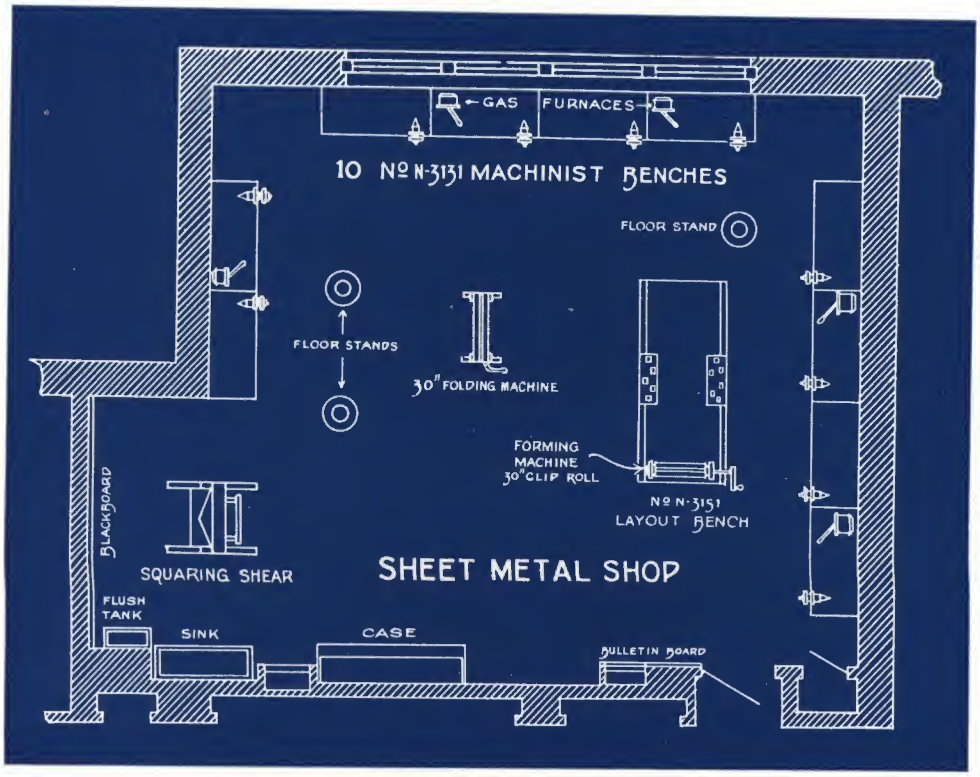

BULLETIN BOARD
LAVATORIES
G-1491 KEY CASE
ROOM SIZE 23'-6"x52'-6"
2 Nº N3161 STORAGE CABINETS
OIL STONE GRINDER
BAND SAW
INSTRUCTOR'S DESK Nº N-3081
BLACKBOARD
INSTRUCTOR'S DESK Nº 3270
UNIVERSAL SAW
SURFACER
JOINTER
Nº N3154 GLUE & STAIN BENCH
12 Nº N3096 STUDENTS BENCHES

WOOD WORKING PLAN "B"

12 double Manual Training Benches, each having 8 small and 2 large drawers are shown in Wood Working Room Plan "B" and 24 students are accommodated at one time.

The complete equipment included in Plan "B" is as follows:

12 No. N-3096 Wood Working Benches.
1 No. N-3081 Instructor's Bench.
1 No. N-3154 Glue and Stain Bench.
2 No. N-3161 Storage Cabinets.
1 No. G-1491 Key Case.

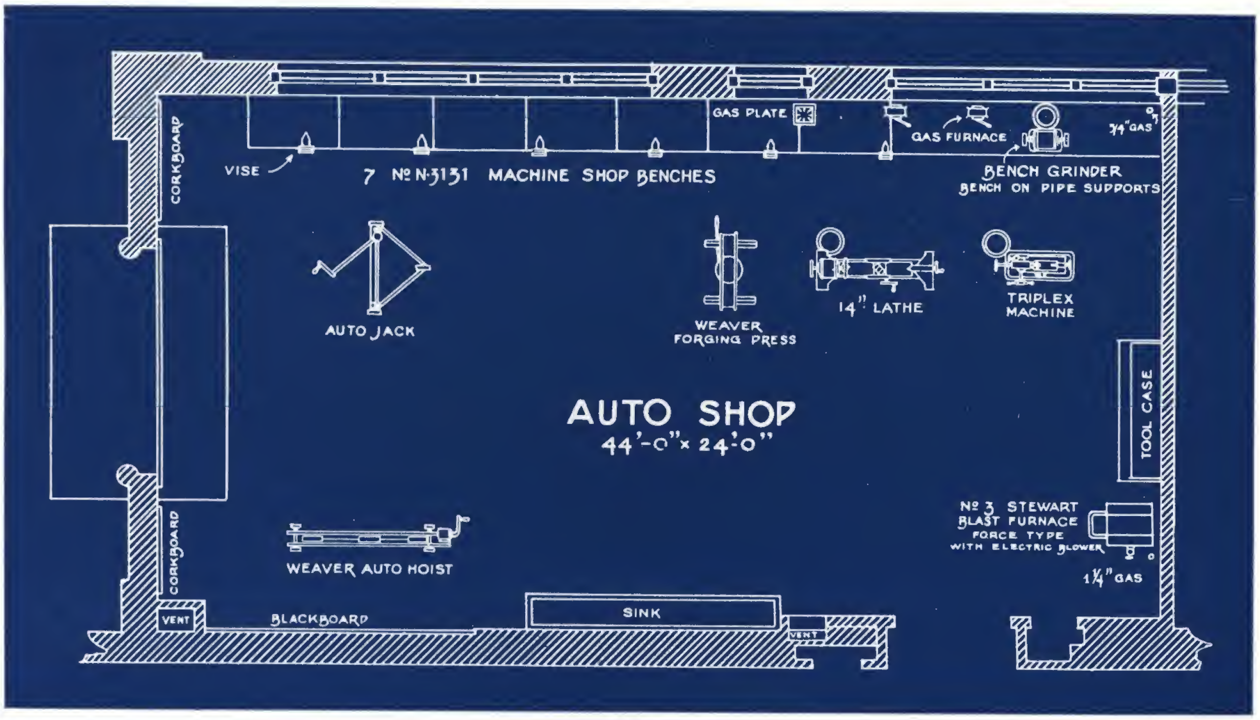


SHEET METAL SHOP PLAN "C"

10 single Machinist Benches are provided in this Sheet Metal Shop and the layout also shows the necessary metal working equipment.

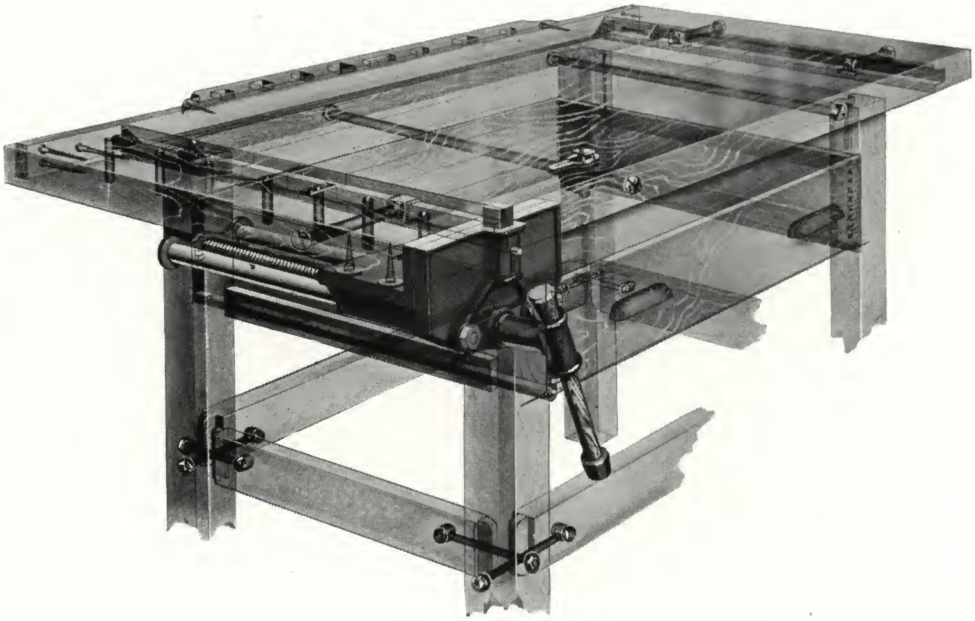
The furniture equipment included, is as follows:

10 No. N-3131 Machinist Benches.
1 No. N-3151 Layout Bench.



AUTO SHOP PLAN "D"

The very complete Auto Shop Layout shown in Plan "D", uses seven No. N-3131 Machine Shop Benches. All necessary machine equipment is also shown.



PHANTOM DRAWING
DETAILS OF CONSTRUCTION—KEMCO WOOD WORKING BENCHES

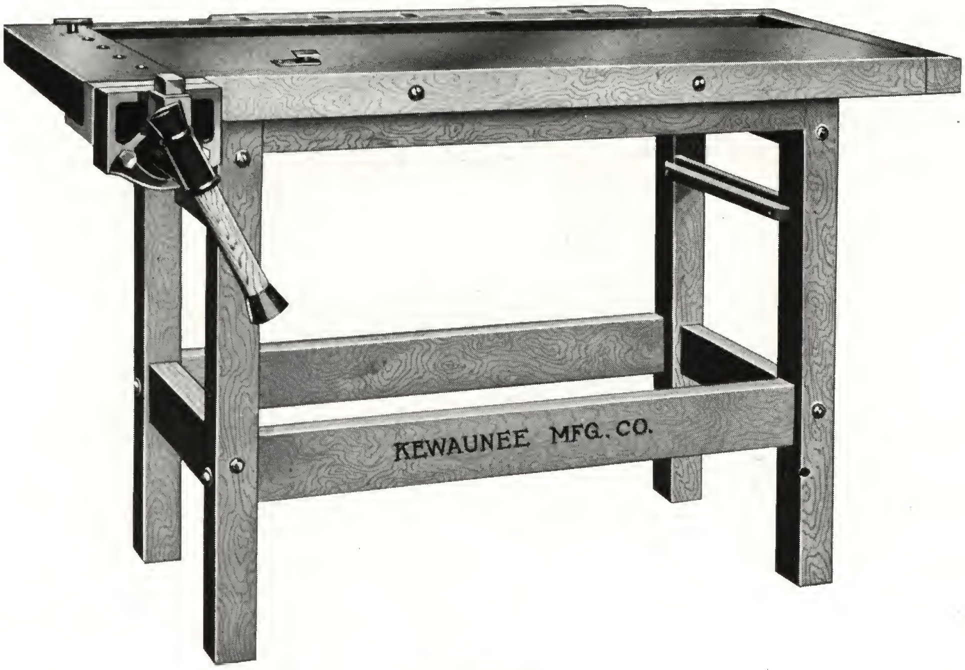
The Phantom Drawing above illustrates in detail, the heavy mortise and tenon construction and the bolt reinforcement provided in Kewaunee Wood Working Benches. Note the heavy bolts used to reinforce the mortise and tenon joint where the end cleats are jointed to the top. Note too, the long half inch bolts running the full width of the top near both ends. The back rail of the tool well is fitted flush with the ends of the cleats and securely screwed into position, and the tool rack is glued and screwed to the tool well.

5 inch wide stretchers are provided, both lengthwise and across the legs as shown, and are rigidly secured with long heavy tenons that are reinforced in both directions with heavy ½ inch machine bolts.

Kemco Wood Working Bench Tops are built up of narrow strips of edge grain hard maple, heavily tongued and glued under high pressure. The tops are 2¼ inches thick and are practically indestructible.

Drawers are very heavily constructed with full mortise and tenon corner construction, or dove tailed construction, as desired, and are built to hold heavy weights of material, and to sustain very hard usage while carrying heavy loads.

Nothing better or stronger is built than the Kewaunee Benches shown herewith and all benches are fully guaranteed.



No. N-3076

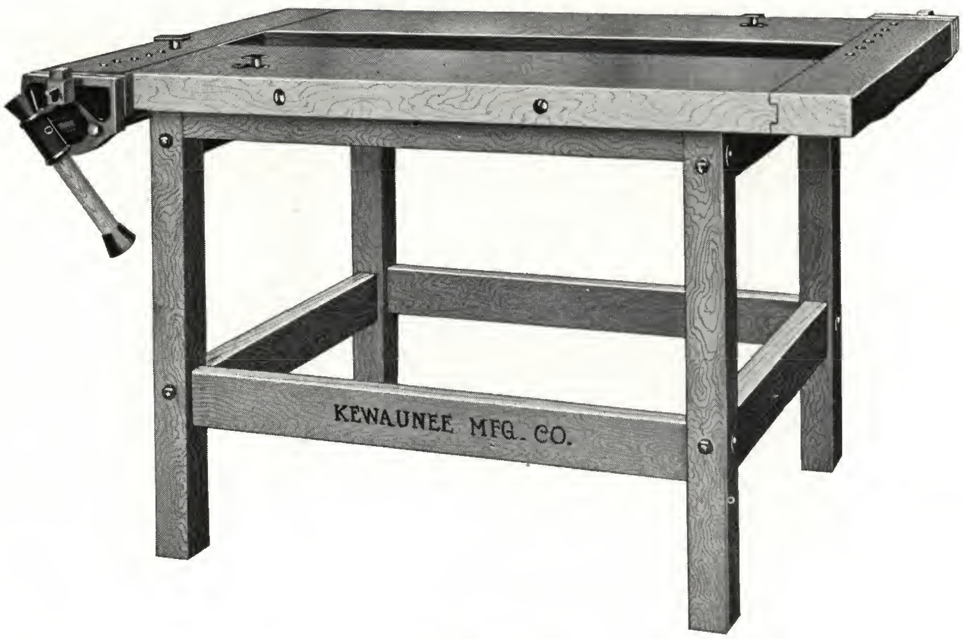
No. N-3076 SINGLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	22 in.	32 in.	
Tool Well		7 in.		1⅜ in.

Vise—Morgan Rapid Acting. Bench dog and Stop.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Weight crated—190 lbs.

No. N-3075—With Morgan rapid acting vise.
No. N-3076—With Oliver rapid acting vise.
No. N-3077—With Morgan rapid acting vise, bench 42 in. long.



No. N-3079

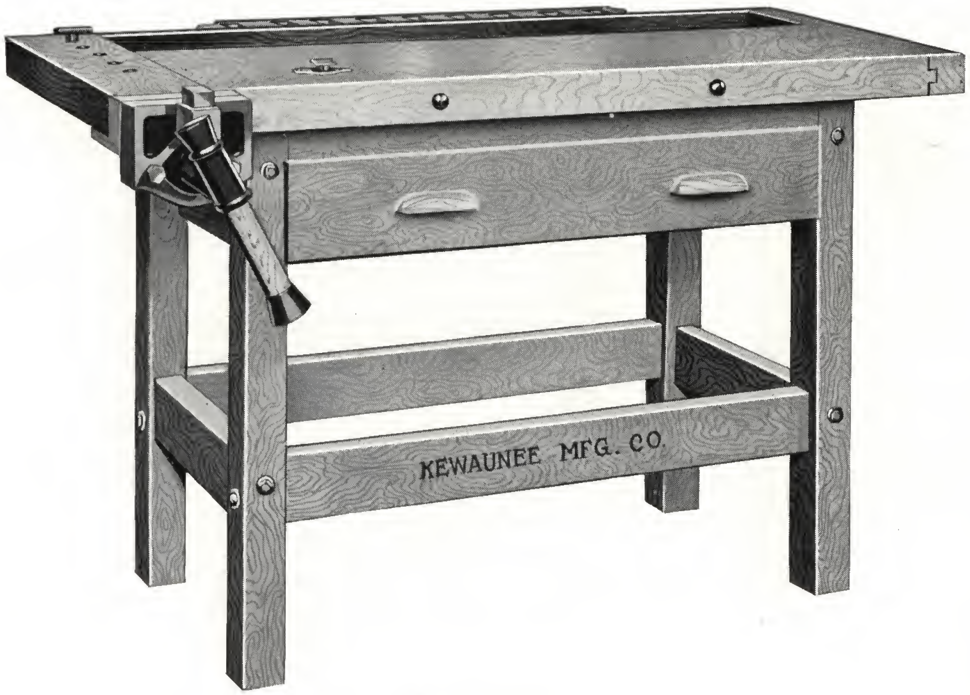
No. N-3079 DOUBLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	36 in.	32 in.	
Tool Well		7 in.		$1\frac{3}{8}$ in.

Vise—2 Morgan Rapid Acting. Bench dogs and Stops.
Construction—Birch throughout. Top $2\frac{1}{4}$ in. thick.
Finish—Natural oil finish.
Weight crated—300 lbs.

No. N-3078—With Morgan rapid acting vise.
No. N-3079—With Oliver rapid acting vise.
No. N-3080—With Morgan rapid acting vise, bench 42 in. long.



No. N-3082

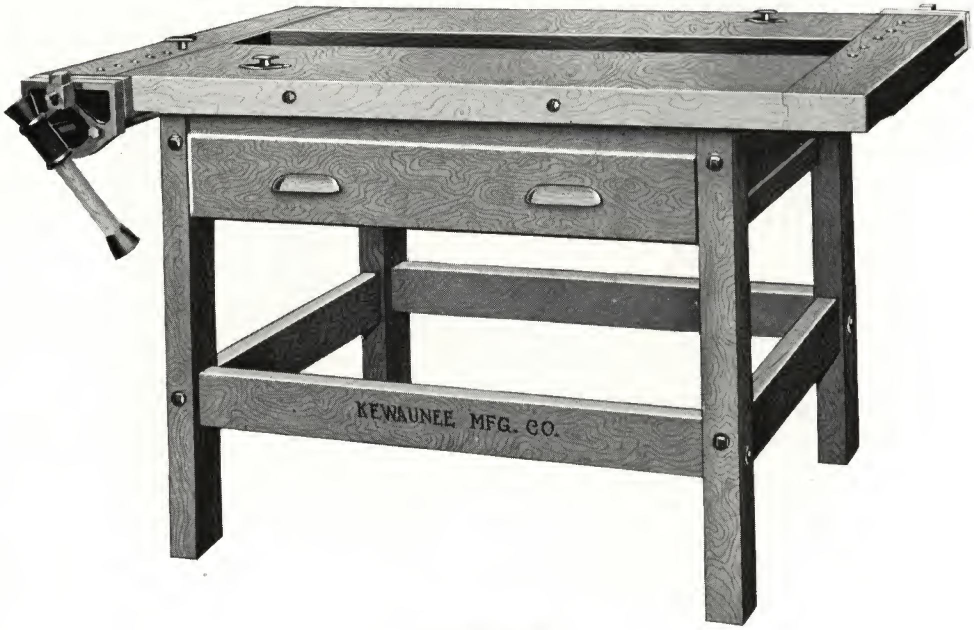
No. N-3082 SINGLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	22 in.	32 in.	
1 Tool Well		7 in.		1⅜ in.
1 Drawer		31 in.	4¼ in.	14¼ in.

Vise—Morgan Rapid Acting. Bench dog and Stop.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Weight crated—210 lbs.

No. N-3081—With Morgan rapid acting vise, without lock.
No. N-3082—With Oliver rapid acting vise, without lock.
No. N-3083—With Morgan rapid acting vise, with lock.



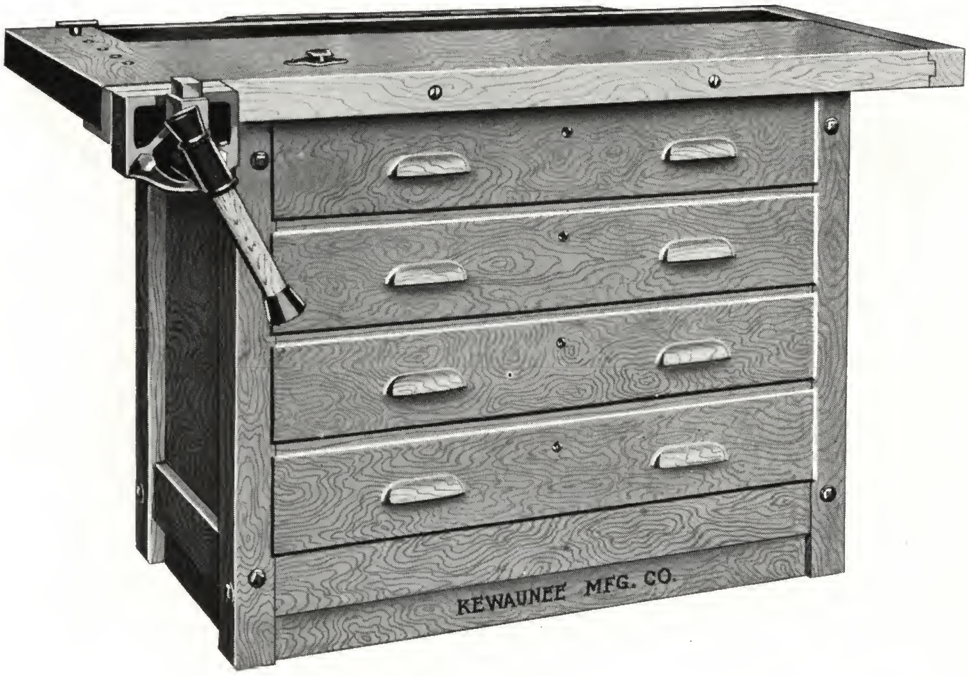
No. N-3085

No. N-3085 DOUBLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	36 in.	32 in.	
Tool Well		7 in.		1⅜ in.
2 Drawers		31 in.	4¼ in.	14¼ in.

Vise—2 Morgan Rapid Acting. Bench dogs and Stops.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Weight crated—325 lbs.
No. N-3084—With Morgan rapid acting vise, without locks.
No. N-3085—With Oliver rapid acting vise, without locks.
No. N-3086—With Morgan rapid acting vise, with locks.



No. N-3088

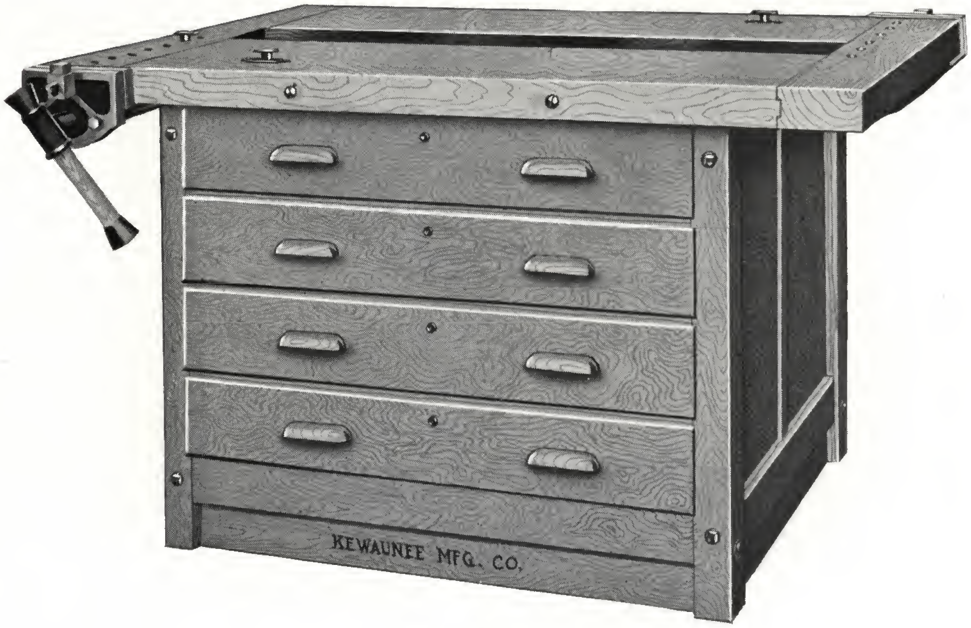
No. N-3088 SINGLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	22 in.	32 in.	
Tool Well		7 in.		1⅜ in.
4 Drawers		31 in.	4¼ in.	14¼ in

Vise—Morgan Rapid Acting. Bench dog and Stop.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Locks—Masterkeyed on individual drawers.
Weight crated—290 lbs.

No. N-3087—With Morgan rapid acting vise, with locks.
No. N-3088—With Oliver rapid acting vise, with locks.
No. N-3089—With Morgan rapid acting vise, without locks.



No. N-3091

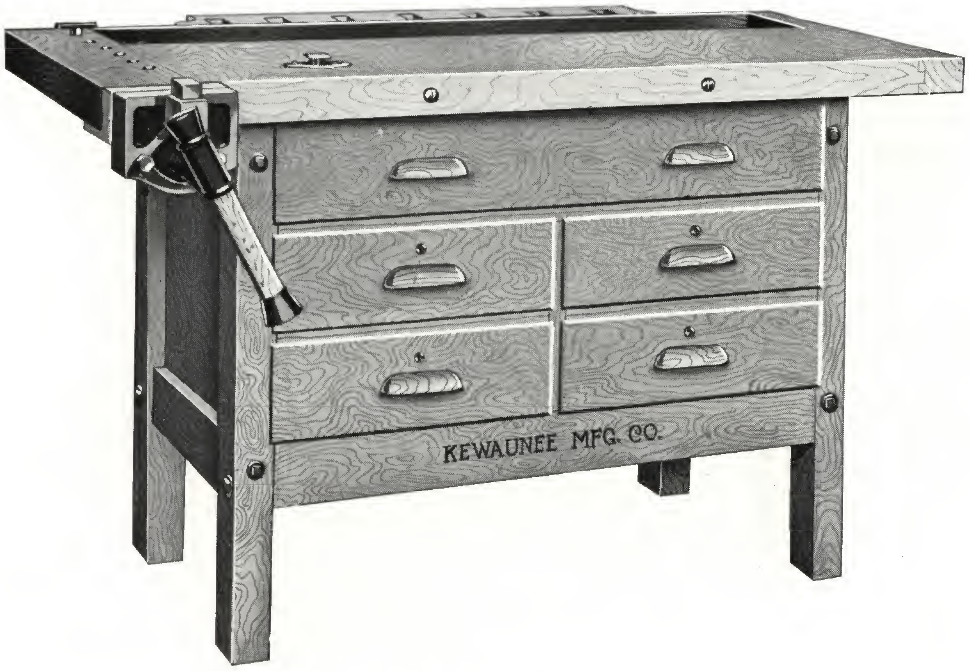
No. N-3091 DOUBLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	36 in.	32 in.	
Tool Well		7 in.		1⅜ in.
8 Drawers		31 in.	4¼ in.	14¼ in.

Vise—2 Morgan Rapid Acting. Bench dogs and Stops.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Locks—Masterkeyed on individual drawers.
Weight crated—420 lbs.

No. N-3090—With Morgan rapid acting vise, with locks.
No. N-3091—With Oliver rapid acting vise, with locks.
No. N-3092—With Morgan rapid acting vise, without locks.



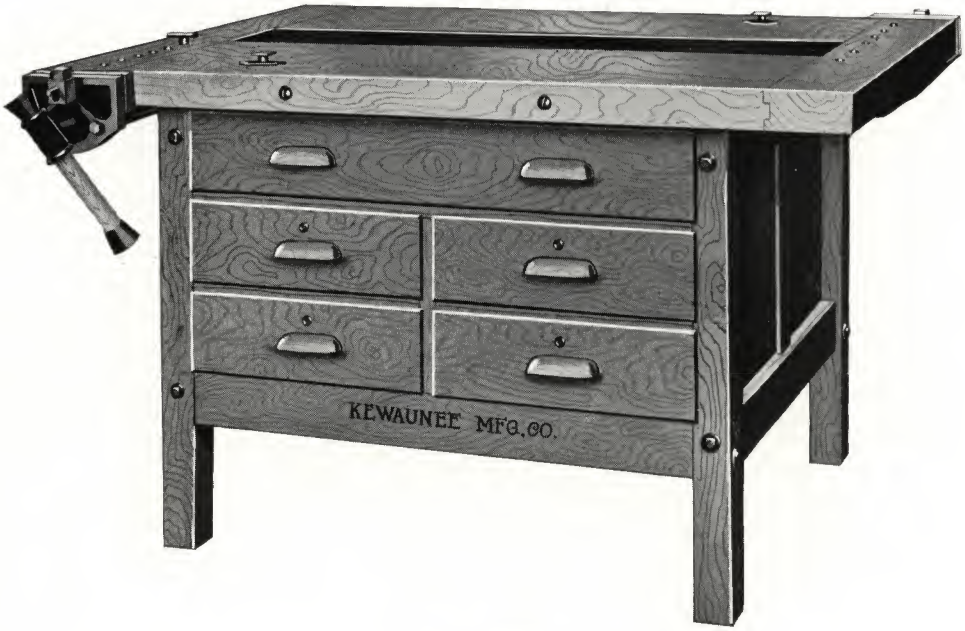
No. N-3094

No. N-3094 SINGLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	22 in.	32 in.	
Tool Well		7 in.		1⅜ in
1 Drawer		31 in.	4¼ in	14¼ in
4 Drawers		14¼ in.	4¼ in.	14¼ in.

Vise—Morgan Rapid Acting. Bench dog and Stop.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Locks—Masterkeyed on individual drawers.
Weight crated—250 lbs.
No. N-3093—With Morgan rapid acting vise, with locks.
No. N-3094—With Oliver rapid acting vise, with locks.
No. N-3095—With Morgan rapid acting vise, without locks.



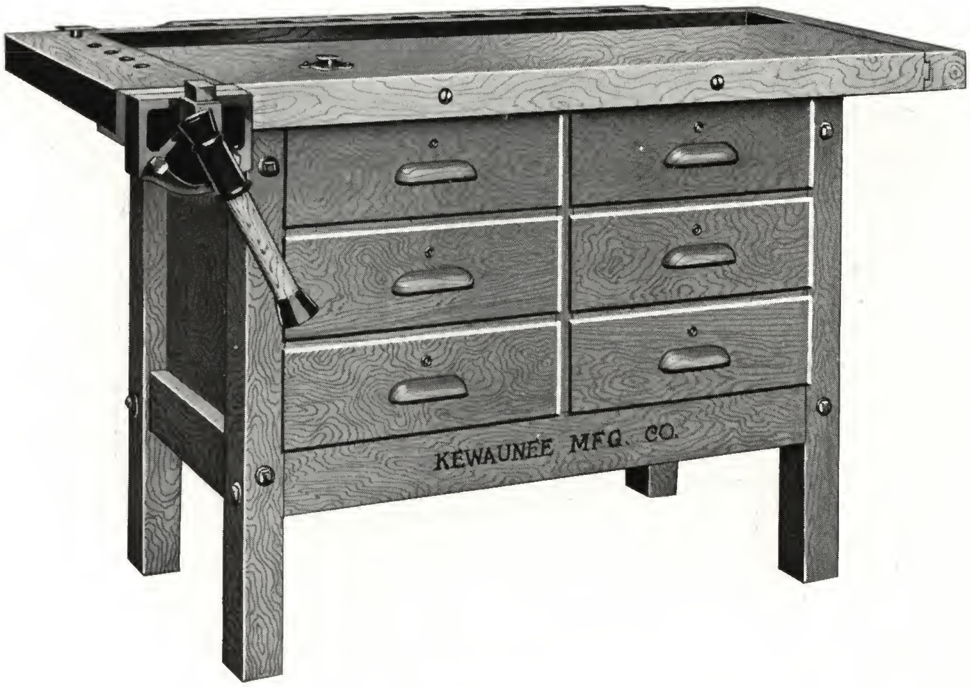
No. N-3097

No. N-3097 DOUBLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	36 in.	32 in.	
Tool Well		7 in.		1⅜ in.
2 Drawers		31 in.	4¼ in.	14¼ in.
8 Drawers		14¼ in.	4¼ in.	14¼ in.

Vice—2 Morgan Rapid Acting. Bench dogs and Stops.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Locks—Masterkeyed on individual drawers.
Weight crated—380 lbs.
No. N-3096—With Morgan rapid acting vise, with locks.
No. N-3097—With Oliver rapid acting vise, with locks.
No. N-3098—With Morgan rapid acting vise, without locks.



No. N-3101

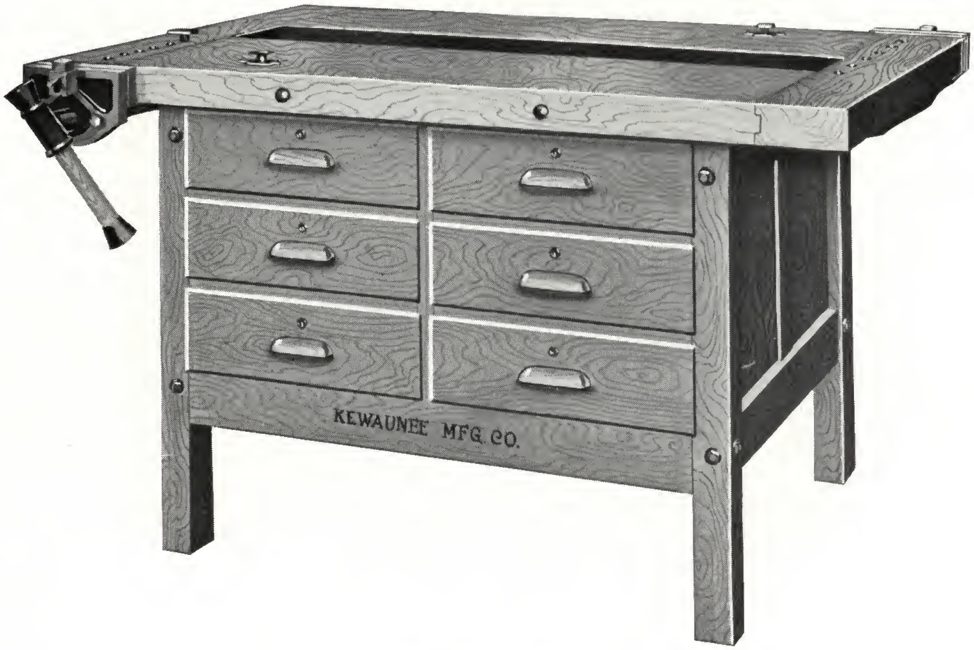
No. N-3101 SINGLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	22 in.	32 in.	
Tool Well		7 in.		1⅜ in.
6 Drawers		14¼ in.	4¼ in.	14¼ in.

Vise—Morgan Rapid Acting. Bench Dogs and Stops.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Locks—Masterkeyed on individual drawers.
Weight crated—250 lbs.

No. N-3100—With Morgan rapid acting vise, with locks.
No. N-3101—With Oliver rapid acting vise, with locks.
No. N-3102—With Morgan rapid acting vise, without locks.



No. N-3104

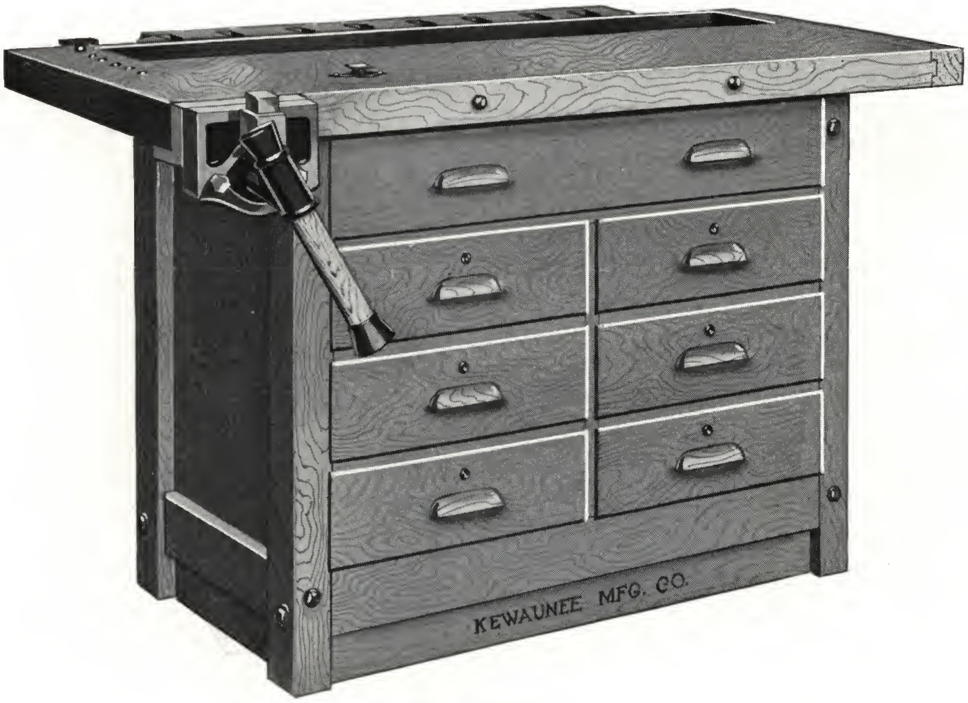
No. N-3104 DOUBLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	36 in.	32 in.	
Tool Well		7 in.		1⅜ in.
12 Drawers		14¼ in.	4¼ in.	14¼ in.

Vise—2 Morgan Rapid Acting. Bench Dogs and Stops.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Locks—Masterkeyed on individual drawers.
Weight crated—390 lbs.

No. N-3103—With Morgan rapid acting vise, with locks.
No. N-3104—With Oliver rapid acting vise, with locks.
No. N-3105—With Morgan rapid acting vise, without locks.



No. N-3107

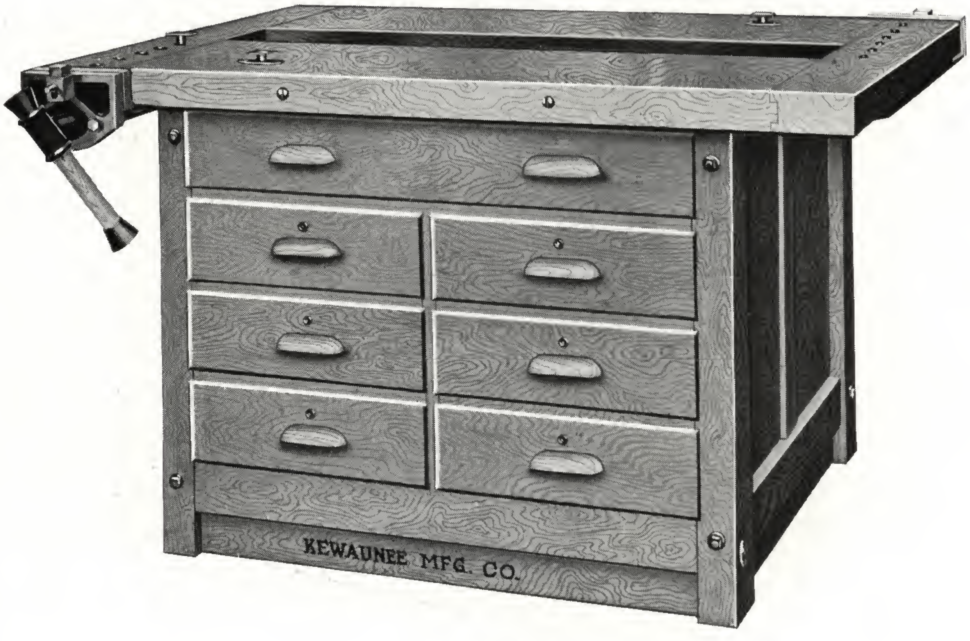
No. N-3107 SINGLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	22 in.	32 in.	
Tool Well		7 in.		1⅜ in.
1 Drawer		31 in.	4¼ in.	14¼ in.
6 Drawers		14¼ in.	4¼ in.	14¼ in.

Vise—Morgan Rapid Acting. Bench Dog and Stop.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Locks—Masterkeyed on individual drawers.
Weight crated—300 lbs.

No. N-3106—With Morgan rapid acting vise, with locks.
No. N-3107—With Oliver rapid acting vise, with locks.
No. N-3108—With Morgan rapid acting vise, without locks.



No. N-3110

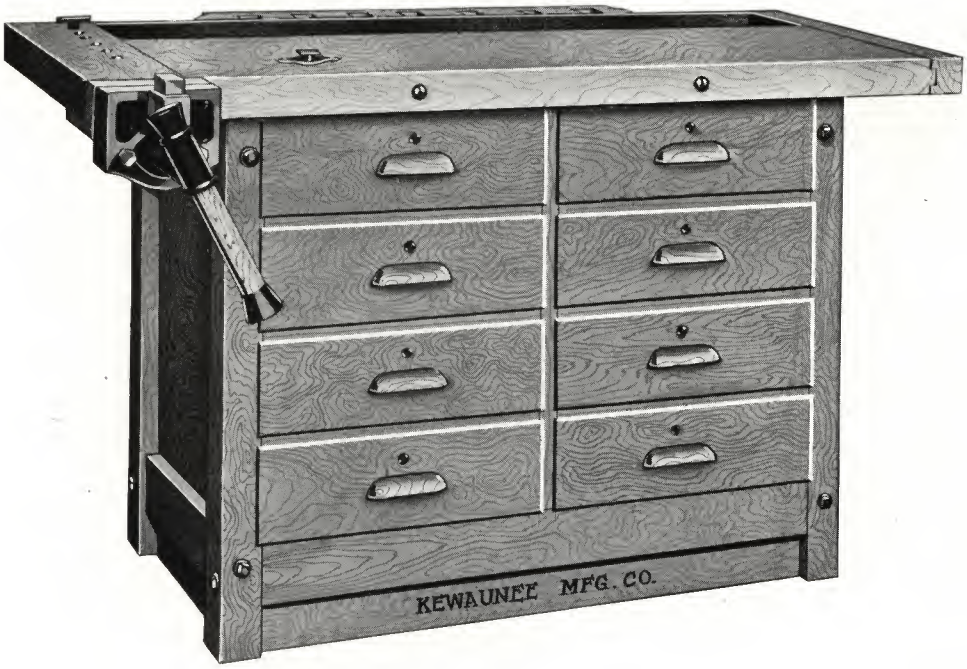
No. N-3110 DOUBLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	36 in.	32 in	
Tool Well		7 in.		1⅜ in
2 Drawers		31 in.	4¼ in.	14¼ in.
12 Drawers		14¼ in.	4¼ in.	14¼ in

Vise—2 Morgan Rapid Acting. Bench Dogs and Stops.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Locks—Masterkeyed on individual drawers.
Weight crated—430 lbs.

No. N-3109—With Morgan rapid acting vise, with locks.
No. N-3110—With Oliver rapid acting vise, with locks.
No. N-3111—With Morgan rapid acting vise, without locks.



No. N-3113

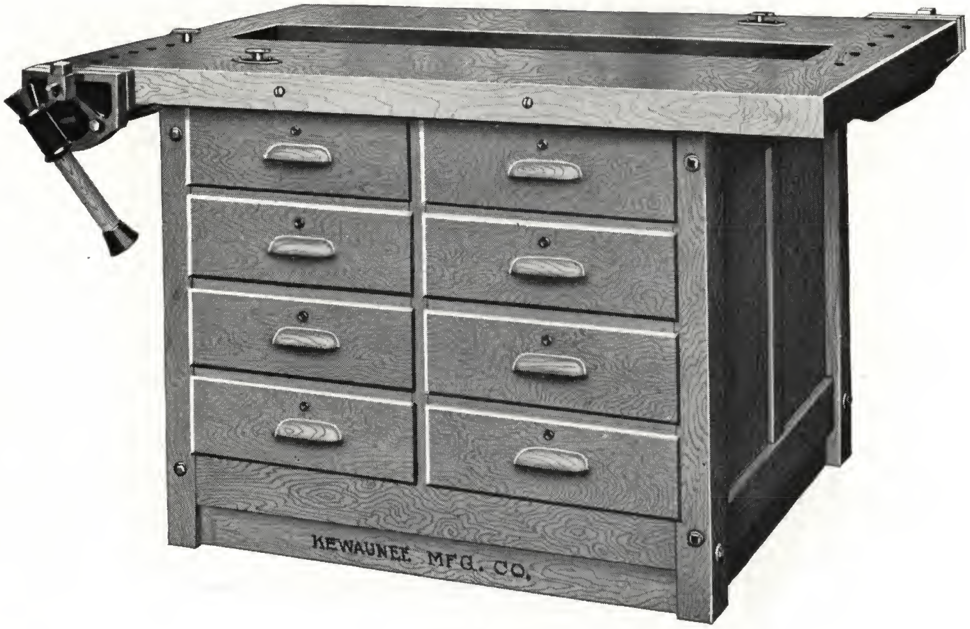
No. N-3113 SINGLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	22 in.	32 in.	
Tool Well		7 in.		1⅜ in.
8 Drawers		14¼ in.	4¼ in.	14¼ in.

Vise—Morgan Rapid Acting. Bench Dog and Stop.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Locks—Masterkeyed on individual drawers.
Weight crated—380 lbs.

No. N-3112—With Morgan rapid acting vise, with locks.
No. N-3113—With Oliver rapid acting vise, with locks.
No. N-3114—With Morgan rapid acting vise, without locks.



No. N-3116

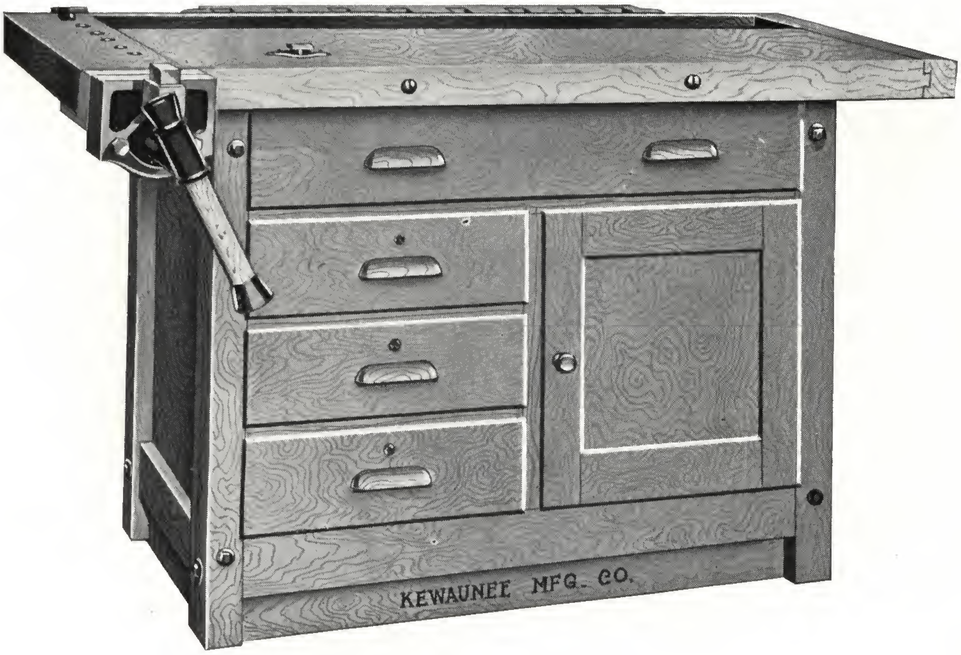
No. N-3116 DOUBLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	36 in.	32 in.	
Tool Well		7 in.		1⅜ in.
16 Drawers		14¼ in.	4¼ in.	14¼ in.

Vise—2 Morgan Rapid Acting. Bench Dogs and Stops.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Locks—Masterkeyed on individual drawers.
Weight crated—430 lbs.

No. N-3115—With Morgan rapid acting vise, with locks.
No. N-3116—With Oliver rapid acting vise, with locks.
No. N-3117—With Morgan rapid acting vise, without locks.



No. N-3119

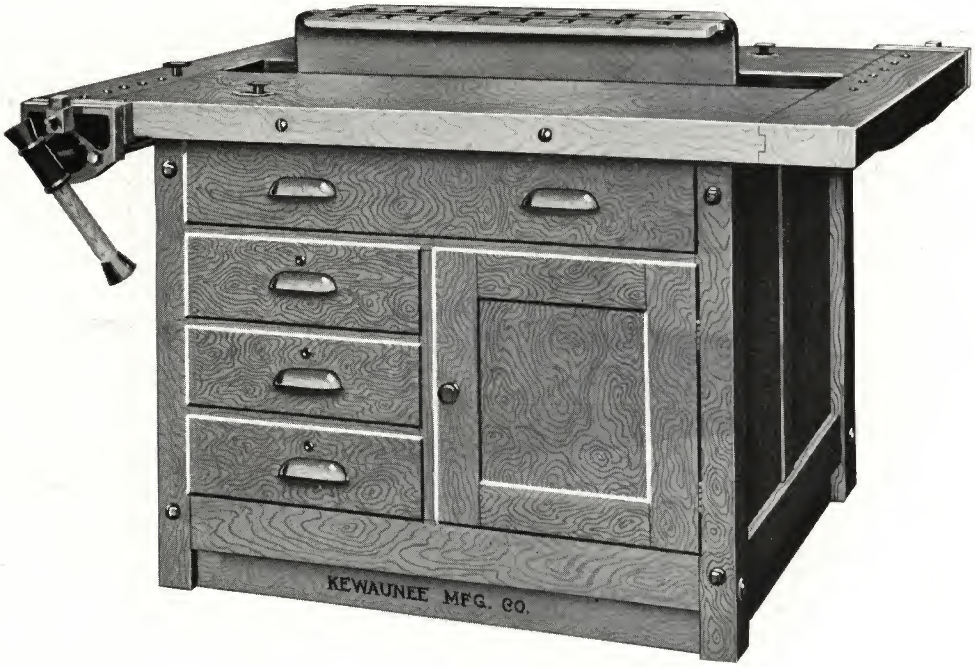
No. N-3119 SINGLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	22 in.	32 in.	
Tool Well		7 in.		1⅜ in.
1 Drawer		31 in.	4¼ in.	14¼ in
3 Drawers		14¼ in.	4¼ in.	14¼ in.
1 Cupboard		16 in.	16 in.	18 in.

Vise—Morgan Rapid Acting. Bench Dog and Stop.
Construction—Birch throughout. Top 2¼ in. thick.
Finish—Natural oil finish.
Locks—Masterkeyed on individual drawers.
Weight crated—290 lbs.

No. N-3118—With Morgan rapid acting vise, with locks.
No. N-3119—With Oliver rapid acting vise, with locks.
No. N-3120—With Morgan rapid acting vise, without locks.



No. N-3122

No. N-3122 DOUBLE MANUAL TRAINING BENCH

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	36 in.	32 in.	
Tool Well		7 in.		1⅜ in.
2 Drawers		31 in.	4¼ in.	14¼ in.
6 Drawers		14¼ in.	4¼ in.	14¼ in.
2 Cupboards		16 in.	16 in.	18 in.

Vise—2 Morgan Rapid Acting. Bench Dogs and Stops.

Construction—Birch throughout. Top 2¼ in. thick.

Finish—Natural oil finish.

Locks—Masterkeyed on individual drawers.

Weight crated—400 lbs.

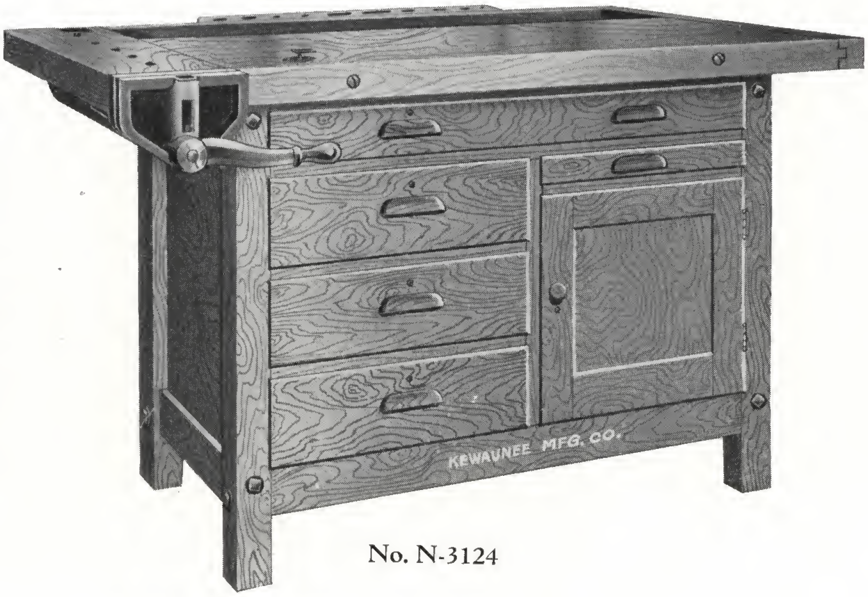
No. N-3121—With Morgan rapid acting vise, with locks.

No. N-3122—With Oliver rapid acting vise, with locks.

No. N-3123—With Morgan rapid acting vise, without locks.

No. N-3124 WOOD WORKING BENCH

The combination of drawers and cupboards provided in this single manual training bench, provide very convenient storage space. The small drawer above the cupboard is used to store small tools, nails, screws, and similar small items used at the bench. The cupboard takes large bulky tools and the full length top drawer stores very long material.



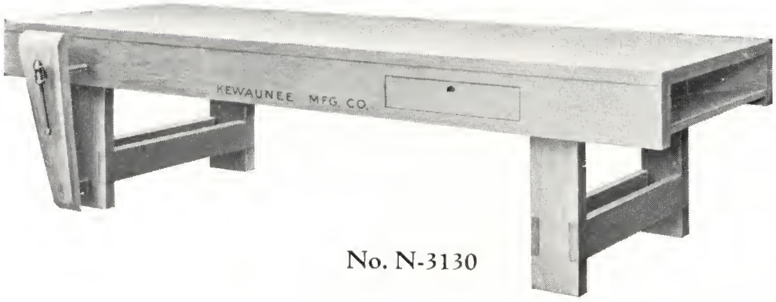
No. N-3124

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	22 in.	32 in.	
1 drawer		31 in.	3¼ in.	14 in.
1 drawer		14⅛ in.	2 in.	14 in.
3 drawers		14⅛ in.	4¼ in.	14 in.
1 cupboard		15¾ in.	14¼ in.	16½ in.

Construction—Body and top built of birch. Top, 2¼ in. thick birch.
Finish—Natural oiled finish.
Fixtures—One Morgan or Oliver vise.
Weight crated, 320, lbs.

No. N-3124—With Morgan vise and masterkeyed locks on three private drawers.
No. N-3125—With Oliver vise and masterkeyed locks on three private drawers.
No. N-3126—With Morgan vise, without locks.



No. N-3130

No. N-3130 CABINET MAKERS BENCH

This Cabinet Maker's bench is very solid and rigid and is the design of bench used in our own large cabinet departments. A very large clear working surface is provided. One drawer stores small tools. A recess at the end of the back provides additional storage space.

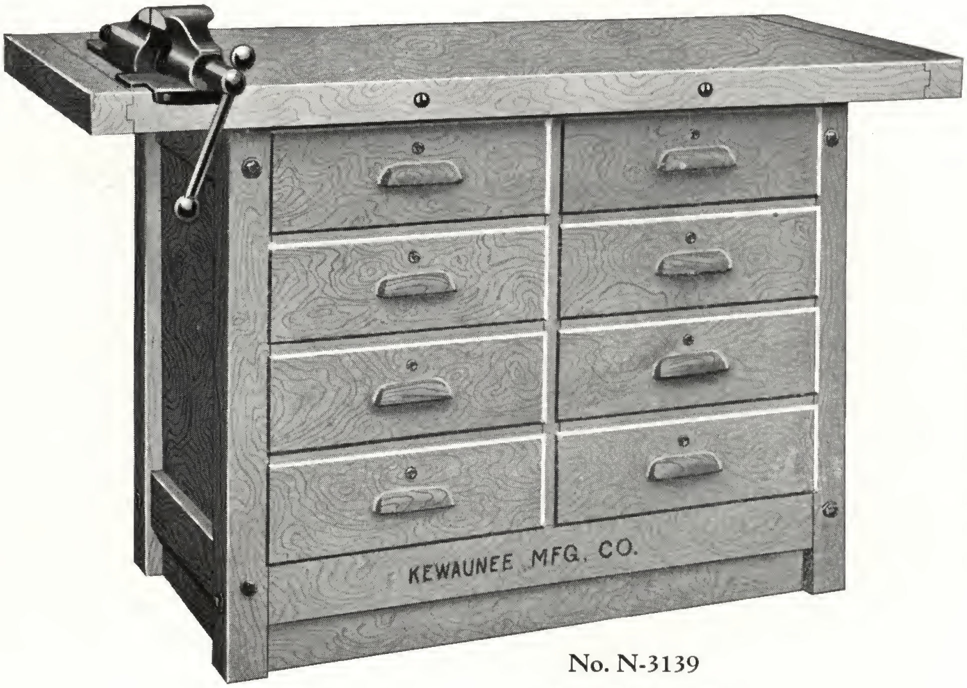
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	10 ft.	36 in.	33 in.	
1 drawer		22¼ in.	4½ in.	18¾ in.

Construction—Body and top built of birch.
Finish—Natural oiled finish.
Fixtures—One continuous screw wood vise.
Weight crated, 620 lbs.
No. N-3130—Cabinet Maker's Bench.

No. N-3139
MACHINIST'S BENCH

All Kewaunee Wood Working Benches can be provided with plain top and machinist's vise as shown and thus by substituting machinist bench tops and vises, any drawer arrangement shown in the wood working bench line can be had as a machinist's bench.

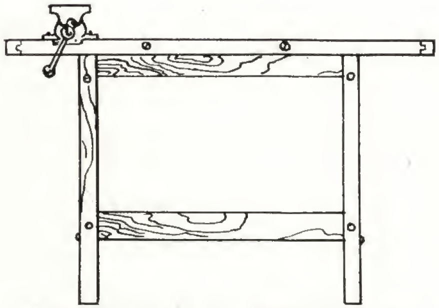


No. N-3139

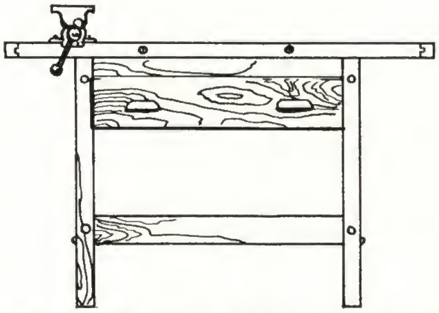
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	52 in.	22 in.	32 in.	
8 drawers		14¼ in.	4¼ in.	14 in.

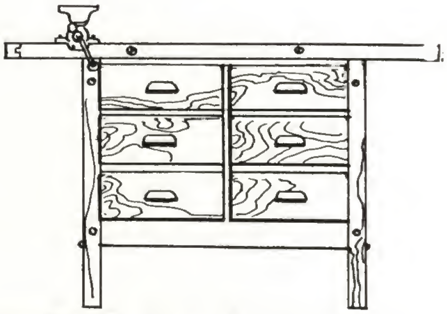
Construction—Body and top built of birch.
Finish—Natural Oiled Finish.
Fixtures—One Machinist's Vise.
Weight crated, 340 lbs.
No. N-3139—Machinist's Bench, complete with Machinist's Vise as shown.



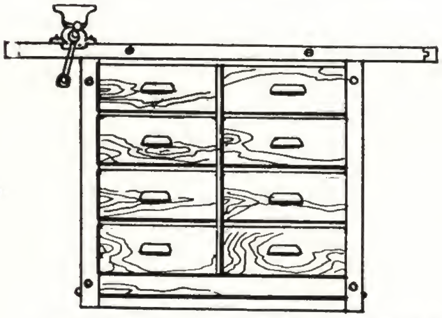
No. N-3133—Single Machinist's Bench.
No. N-3134—Double Machinist's Bench.



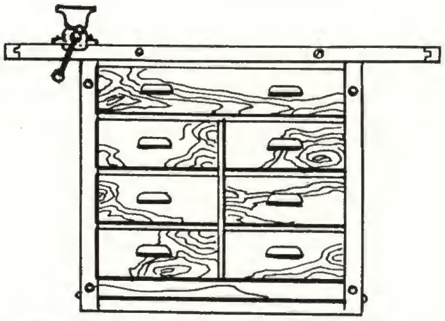
No. N-3135—Single Machinist's Bench.
No. N-3136—Double Machinist's Bench.



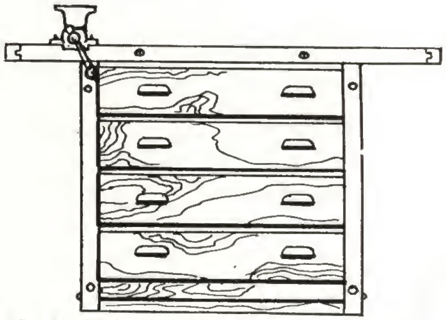
No. N-3137—Single Machinist's Bench.
No. N-3138—Double Machinist's Bench.



No. N-3139—Single Machinist's Bench.
No. N-3140—Double Machinist's Bench.



No. N-3141—Single Machinist's Bench.
No. N-3142—Double Machinist's Bench.

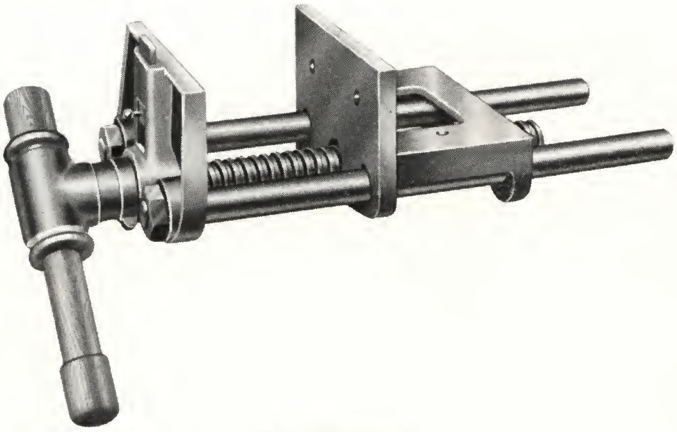


No. N-3143—Single Machinist's Bench.
No. N-3144—Double Machinist's Bench.

SEE CORRESPONDING STYLES OF WOOD WORKING BENCHES FOR DIMENSIONS AND SPECIFICATIONS.

No. N-3145A

MORGAN SOLID NUT CONTINUOUS SCREW VISE

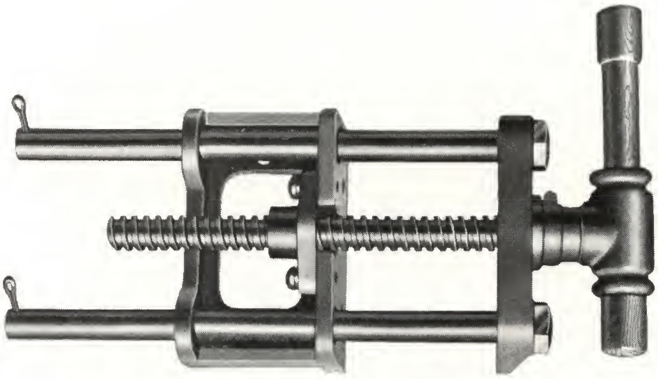


No. N-3145A

This vise is designed and built to stand the most severe usage. It is one of the most popular vises on the market and incorporates features that enable it to last a life time. The jaws are made of charcoal iron and are accurately milled so as to insure a square grip. The sliding bars move back and forth freely, and will not bind with any size opening. The screw is made of formula metal No. 1020 S. A. E. and is especially tough and has excellent non-stretching qualities. The diameter of the screw is 1 inch. Three Acme threads to the inch are die cut. The nut is made of an extra hard bronze. The side bars are of ⅞ in. cold rolled steel and are fastened to the front jaw by means of hexagon nuts. A heavy shoulder is cut on the bar, enabling the movable jaw to be drawn up tight on to the side bars, thus giving extreme rigidity and strength. A heavy adjustable stop is provided in the front jaw. The handle is made of hickory and fitted with ends that will withstand much battering without chipping.

SPECIFICATIONS

	Width of Jaw, Inches	Depth of Jaw, Inches	Jaw Opens, Inches	Weight Crated Pounds
No. N-3145A	7	4	8½	50
No. N-3145A1	8	4	10	
No. N-3145A2	10	4	12	



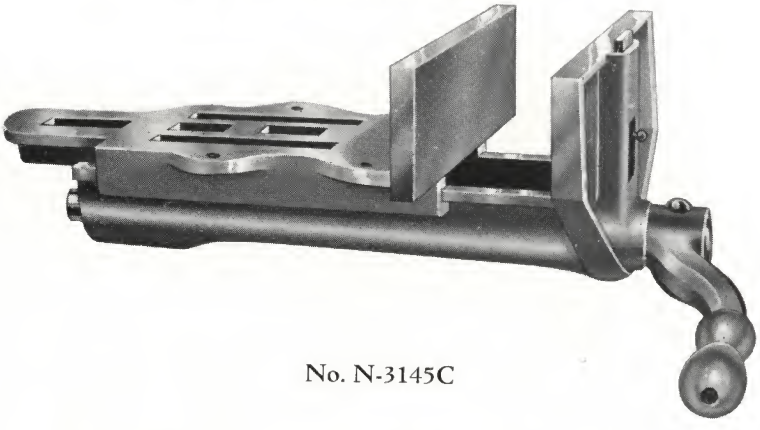
Bottom View Solid Nut Continuous Screw Vise

MORGAN RAPID ACTING VISE (TOLES PATTERN)

The Morgan Rapid Acting Vise (Toles Pattern), is similar in appearance to the No. N-3145A continuous Screw Vise illustrated above. The working action of this vise is the most simple and effective of any of the screw adjusting type. The screw, having intercepted threads, operates in a half nut, a slight turn of the handle disengaging the screw and permitting the jaw to slide back and forth at will. A turn in the opposite direction engages screw with nut, holding the work firmly in place. The jaws are made of charcoal iron, which is unusually strong. The screw is 1¼ inches in diameter made of a special cold drawn steel, No. 1020 S. A. E. The half nut is a high quality bronze casting. The side bars are of ⅞ in. cold rolled steel and are fastened to the front jaw by means of hexagon nuts.

SPECIFICATIONS

	Width of Jaw, Inches	Jaw Opens, Inches	Depth Jaw, Inches	Wgt. Crated Pounds
No. N-3145B	7	8	4	50
No. N-3145B1	10	12	4	



No. N-3145C

No. N-3145C MASSEY RAPID ACTING VISE

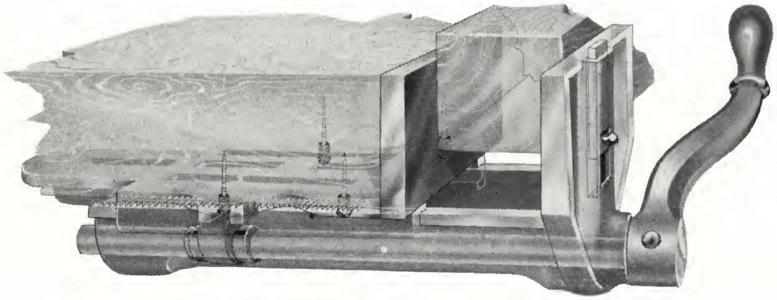
This vise was the first quick acting vise manufactured in the United States. The patterns were originally brought to this country from England by its inventor and original manufacturer, Mr. Massey.

In its many years of existence the Massey Rapid Acting Vise has established a very large following which is justified by its simplicity, quick action, and durability.

The operation of this vise is very simple. When the handle is upright the cam shown in the Phantom View allows the dog to disengage the rack. This allows the front jaw to be moved freely and adjusted to the work to be held. By moving the handle a quarter turn to the right, the cam forces the dog to engage in the rack and locks securely. Very simple of construction, no springs or complicated parts to get out of order.

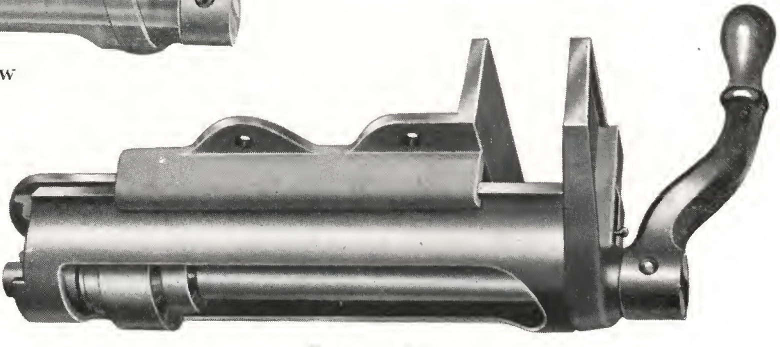
All castings are made of a special grade of charcoal iron. The breaking strain of charcoal is about 40% greater than that of gray iron.

No. N-3145C—Width of jaw 7 in.
Weight, 30 lbs.

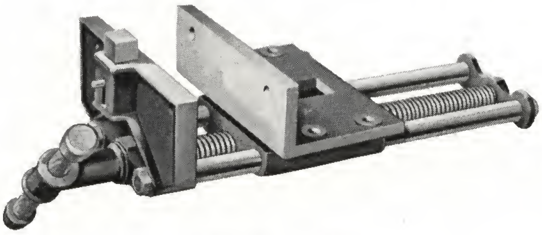


Phantom View

This phantom view illustrates the very sturdy and simple action of the Massey Rapid Acting Vise.



Bottom View



No. N-3145D

No. N-3145D OLIVER WOOD WORKER'S VISE

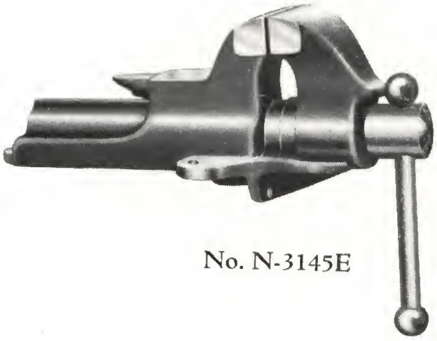
This vise is furnished in either continuous screw or rapid acting types, the only difference being that the continuous screw vise is equipped with solid nut, while the rapid acting vise is provided with a half nut.

With the rapid acting vise, the rapid acting feature is had by lifting up on the vise handle, thus releasing the screw from the half nut. The screw can be dropped into place at any point and moved forward or backward as desired.

All Oliver vises are furnished with Buttress Thread Screws. No other vise on the market has this important feature. These vises have extremely heavy jaws and 1 inch square steel dogs, and represent the very highest type of vise construction throughout.

No. N-3145D —Quick Acting or solid nut.
Jaw width 7 inches, length open 9 inches,
weight, 55 lbs.

No. N-3145D1—Quick Acting or solid nut.
Jaw width 10 inches, length open 12 inches,
weight, 65 lbs.

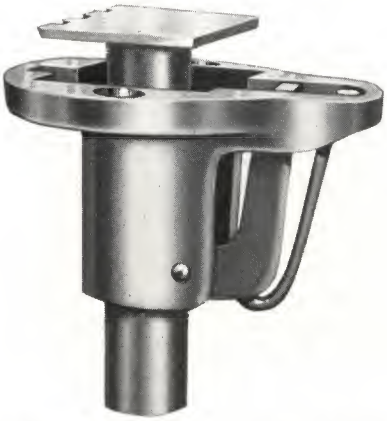


No. N-3145E

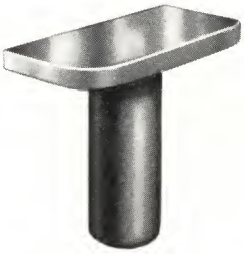
No. N-3145E MACHINIST'S VISE

This very strongly built Machinist's vise is built of solid cast steel, with hardened jaws and is nicely finished. The vise can be operated with jaw range from 2¾ inches to 4 inches wide, and jaws open from 3¾ inches to 5½ inches.

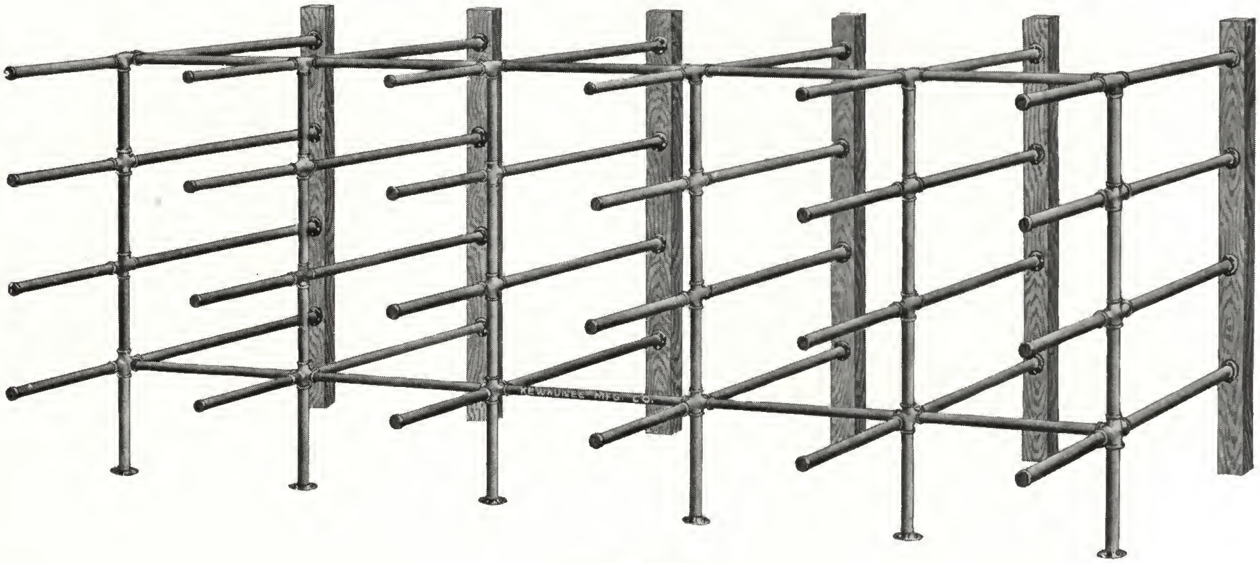
	Jaws	Open	Weight
No. N-3145 E	2¾ in.	3¾ in.	8 lbs.
No. N-3145 E1	3 in.	4½ in.	10 lbs.
No. N-3145 E2	3½ in.	4¾ in.	14 lbs.
No. N-3145 E3	4 in.	5½ in.	20 lbs.



No. N-3145G Adjustable Bench Stop



No. N-3145H Bench Stop



No. N-3150

No. N-3150 LUMBER RACK

Conservation and the proper care of lumber are very important problems in the manual training department, and especially so where storage room is limited.

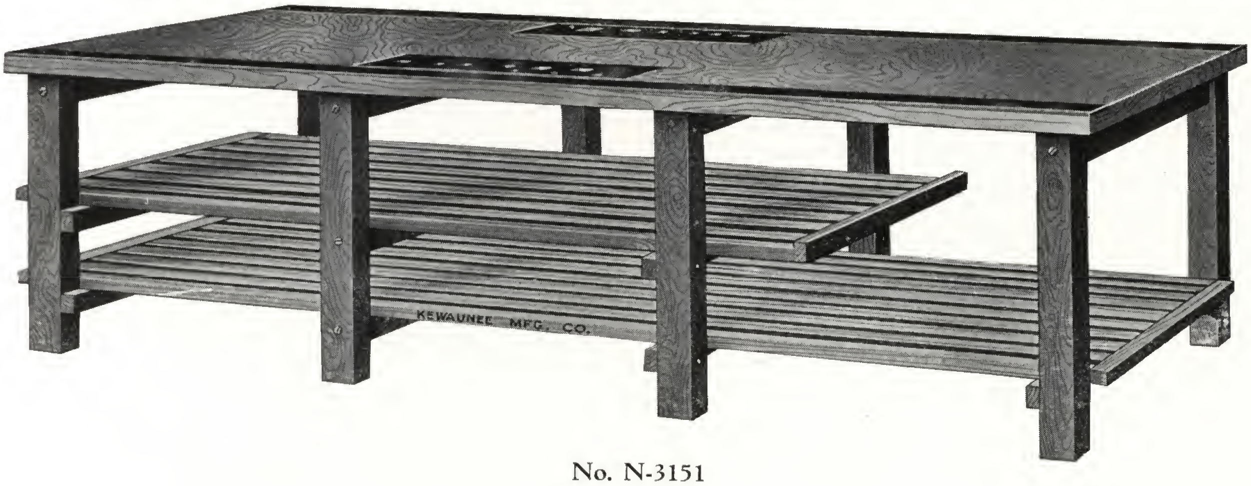
Not only will the lumber rack above illustrated prove its worth where lumber storage space is limited, but it also provides an efficient, systematic, and neat method of caring for this costly material.

The rack is made entirely of birch and one inch galvanized iron piping, solidly and neatly fitted together, with provision made for fastening to wall and floor.

SPECIFICATIONS

	Length	Width	Height
Overall	15 ft. 6 in.	42 in.	6½ ft.

Construction—Solid birch wall cleats. One inch galvanized iron piping.
Finish—Birch cleats finished natural oil. Piping painted aluminum bronze.
Weight crated, 680 lbs.
No. N-3150—Lumber Rack.



No. N-3151

No. N-3151 METAL WORKER'S TABLE

The Metal Worker's Table, or Sheet Metal Table, shown above, is a double type, designed to be used from both sides. The stake plates shown, accommodate all the various types and sizes of stakes ordinarily used in sheet metal work. The table is completely edged along both sides with heavy iron set flush with the top and edge and the top itself is built up of heavy birch strips. Four pair of 3½ inch square legs, joined by very heavy leg stretchers, make the table extremely rigid. Two shelves are provided as shown, for the storage of Sheet Metal and the top shelf is made shorter than the bottom shelf, so that various types of stakes can be placed on the lower shelf. This table meets every requirement for sheet metal work and is the finest sheet metal worker's table it is possible to build.

SPECIFICATIONS

	Length	Width	Height
Overall	8½ ft.	40 in.	32 in.

Construction—Body and top built of birch.
Finish—Natural oiled.
Fixtures—2 stake plates.
Weight crated, 620 lbs.
No. N-3151—Metal Worker's Table.

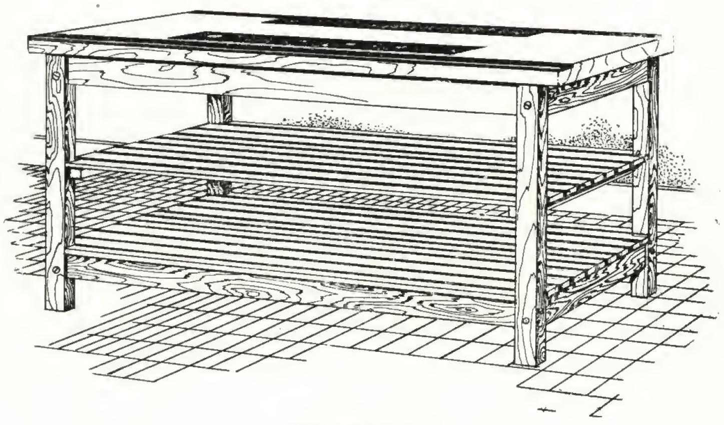
No. N-3152 METAL WORKER'S TABLE

This double metal worker's table is similiar to No. N-3151 shown above, but is only five feet long and both shelves are extended the full length of the table. The same heavy construction is used throughout.

SPECIFICATIONS

	Length	Width	Height
Overall	5 ft.	40 in.	32 in.

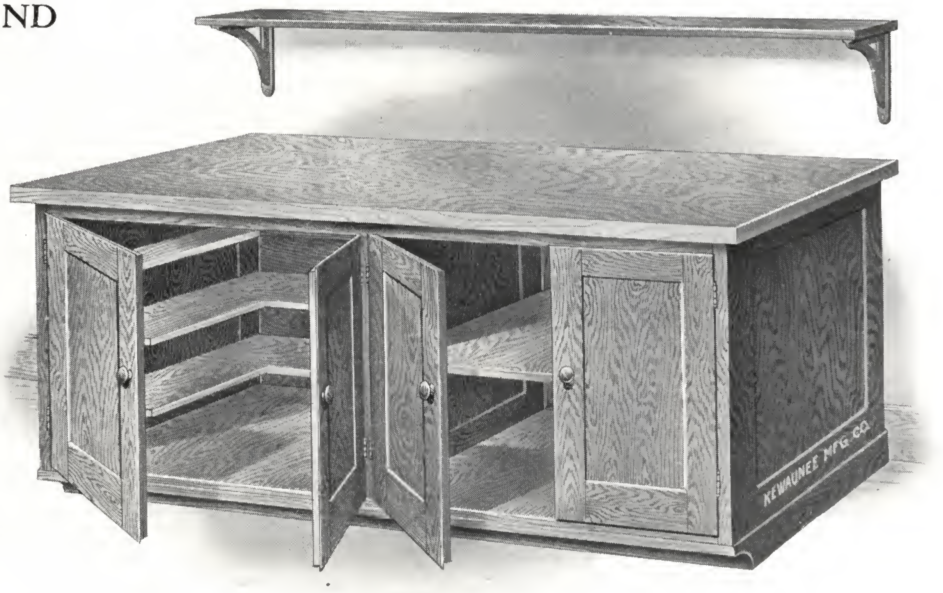
Construction—Body and top built of birch.
Finish—Natural oiled.
Fixtures—2 stake plates.
Weight crated, 460 lbs.
No. N-3152—Metal Worker's Table.



No. N-3152

No. N-3154 GLUE AND STAIN BENCH

The deep cupboard at the left of this glue and stain bench has three tiers of narrow shelves, at sides and back of cupboard, designed to hold small cans of stain and stain powders. Larger stain containers can be accommodated in the center portion of the cupboard. The cupboard on the right, has a full depth, full width shelf, designed to take from one to five gallon cans of finishing material. The top is finished in natural finish birch wood or wood covered with heavy galvanized iron, as desired. A shelf mounted on wall brackets is provided above the Glue and Stain Bench to accommodate finishing material and glue containers, so as to avoid their being pushed off the bench top or upset, while the bench is being used.



No. N-3154

SPECIFICATIONS

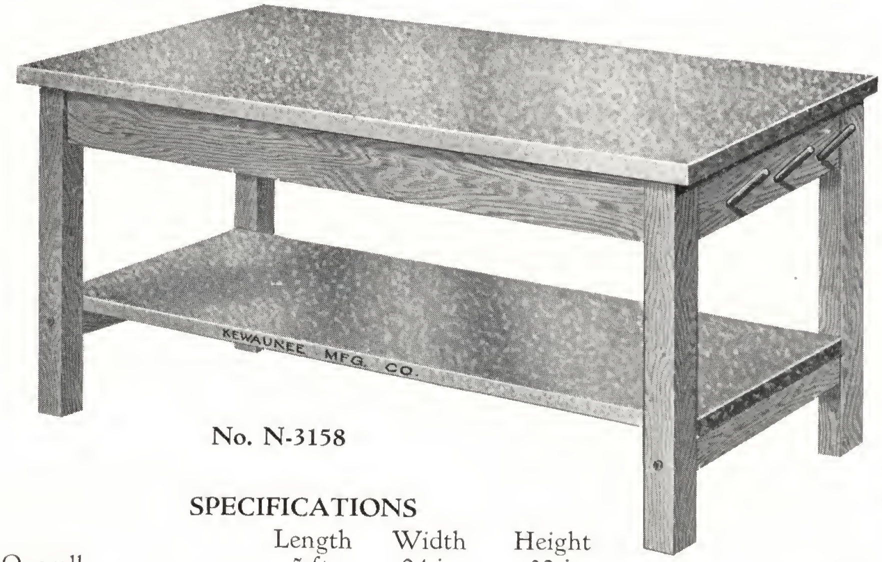
	Length	Width	Height	Depth
Overall	6 ft.	24 in.	32 in.	
2 double cupboards		32 in.	24½ in.	19 in.
Wall shelf	6 ft.	8 in.		

Construction—Body and top built of birch.
Finish—Body, natural varnish. Top, natural oiled.
Weight crated, 420 lbs.

No. N-3154—As illustrated.

No. N-3155—Without wall shelf.

No. N-3156—With galvanized iron covered top.



No. N-3158

No. N-3158 GLUE BENCH

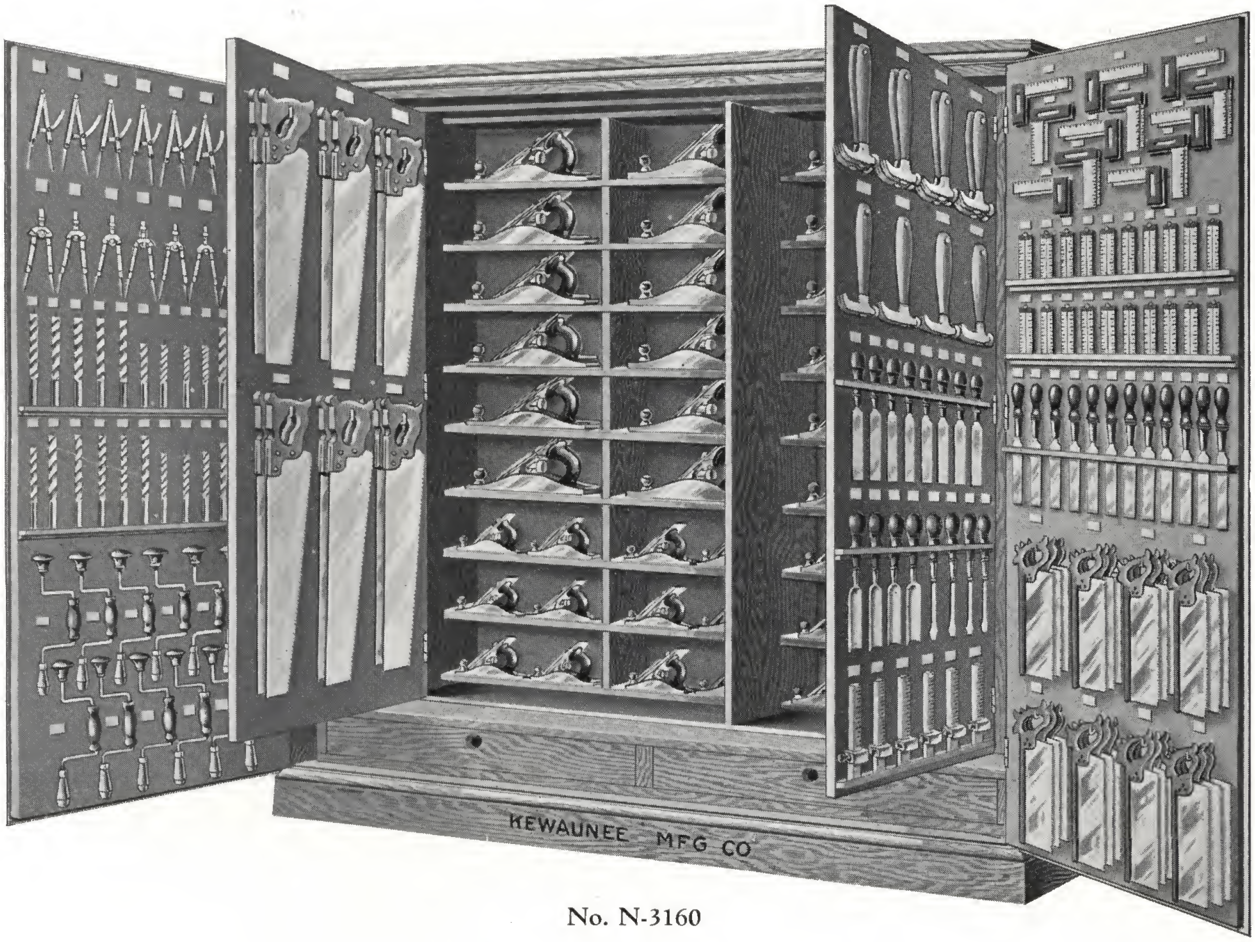
This Glue Bench provides a galvanized iron covered top, 5 feet long by 24 inches wide, and a galvanized iron covered shelf 4 feet 9 inches long by 16 inches wide. Pegs are provided at each end of the table for hanging clamps. This table is very strongly built and provides excellent accommodations for glueing operations in the wood working shop.

SPECIFICATIONS

	Length	Width	Height
Overall	5 ft.	24 in.	32 in.

Construction—Body built of birch. Top and shelf covered with galvanized iron.

Finish—Body, natural varnish.
Weight crated, 240 lbs.
No. N-3158—Glue Bench.



No. N-3160

No. N-3160 TOOL CASE

This Tool Case will take care of all the tools for a Manual Training class numbering twenty-four pupils and instructor. The outside of the case is built of selected oak and the interior of hardwood. The doors hang on heavy butts and will not sag under the weight of tools. The interior doors are built as solidly as the exterior and every care is taken to make all doors swing easily even though filled with tools. Number plates are furnished and attached over all tools.

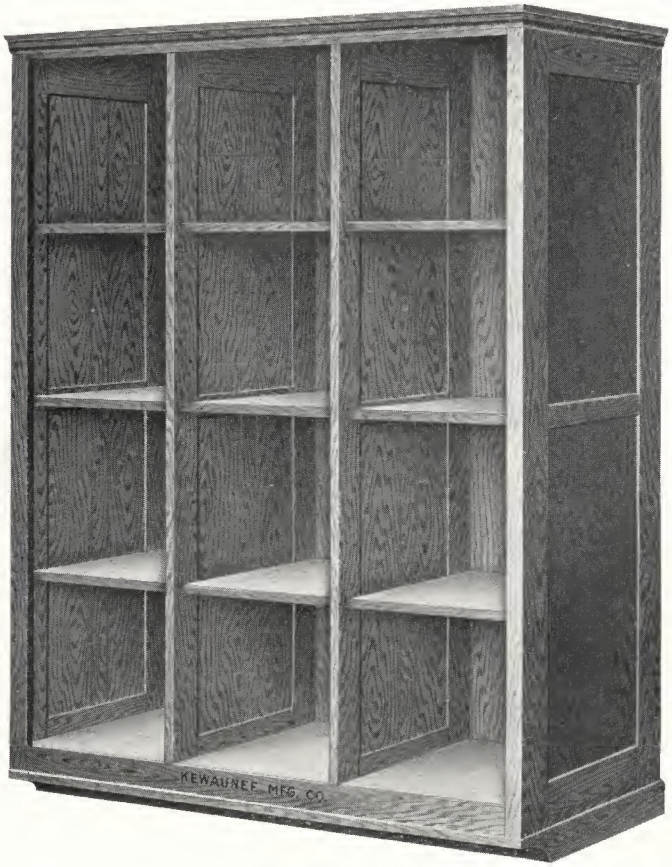
Case will accommodate the following tools and leave space for extras:

25 Jack Planes.
25 Smoothing Planes.
25 Whittling Knives.
25 Boxwood 2 ft. Rules.
25 10 in. Back Saws.
25 1 in. Chisels.
13 ¼ in. Chisels.
25 Bench Brushes.
25 Bench Hooks.
25 ⅞ in. Gouges.
25 Small Sets of Bitts.
25 Eagle Pencil Compasses.
25 Emery Oil Stones.
25 7½ in. Try-squares.
25 Erasers.
13 Stanley Marking Gauges.
13 Champion Screw Drivers.
13 Wing Dividers.
13 Claw Hammers.
13 Ripsaws.
13 Crosscut Saws.
13 Braces.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5½ ft.	16 in.	6 ft. 1 in.	
2 drawers		27 in.	3¾ in.	10⅞ in.
36 compartments		14¾ in.	6 in.	2¾ in.

Construction—Body built of selected oak.
Finish—No. 1 or No. 2 Oak.
Weight crated, 590 lbs.
No. N-3160—Tool Case.



No. N-3161

No. N-3161 MANUAL TRAINING CASE AND SHELVES

This case is designed for the storing of cut-up material, hardware, work in process of construction, or finished work in the manual training department. It is made in two styles, i. e., with or without doors. Doors are wood paneled and are fitted on each tier of compartments, where required.

SPECIFICATIONS

	Width	Height	Depth
Overall	59¼ in.	7 ft.	21¾ in.
12 open compartments	18 in.	18 in.	19¾ in.

Construction—Built of selected Oak.
Finish—No. 1 or No. 2 Oak.
Weight crated, 400 lbs.
No. N-3161—Manual Training Case and Shelves.

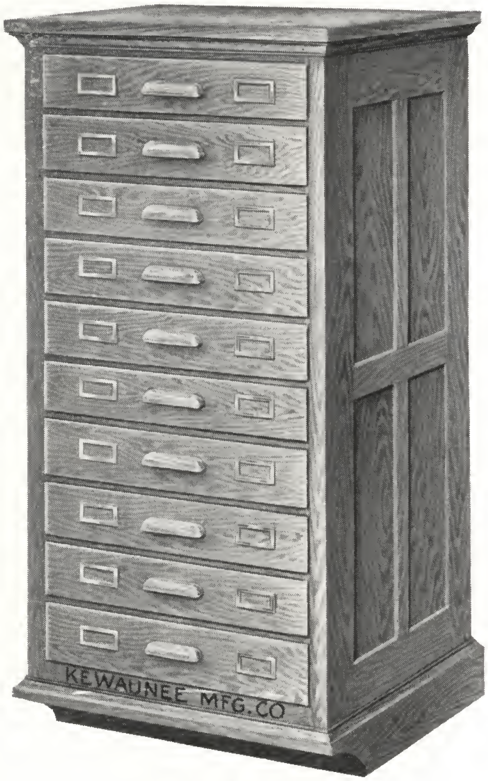
No. N-3163 SCREW AND BOLT CASE

The five top drawers are divided into twelve compartments about 4½ inches square by 3 inches deep, for storing screws, brads, washers, rivets, etc. The lower five drawers are divided into six compartments each, for larger stock such as nails, and bolts. Each drawer has two large label holders.

SPECIFICATIONS

	Width	Height	Depth
Overall	22 in.	52 in.	20½ in.
10 drawers	18½ in.	2¾ in.	14¼ in.

Construction—Built of selected Oak.
Finish—No. 1 or No. 2 Oak.
Weight crated, 230 lbs.
No. N-3163—Screw and Bolt Case.



No. N-3163

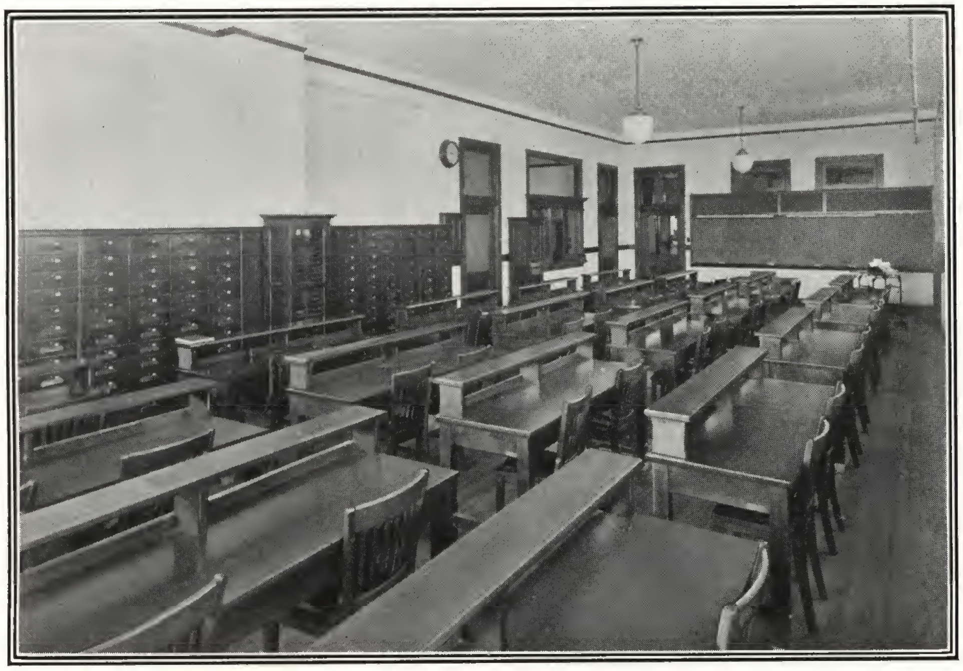
BOOKKEEPING AND TYPEWRITING FURNITURE

Neat, accurate work in typing and bookkeeping classes depends to a considerable extent on the use of proper commercial furniture. The best typing cannot be done on a table that is not entirely rigid, nor can it be done on a table that does not provide the maximum in comfort and utility to the student using it. This is equally true of bookkeeping.

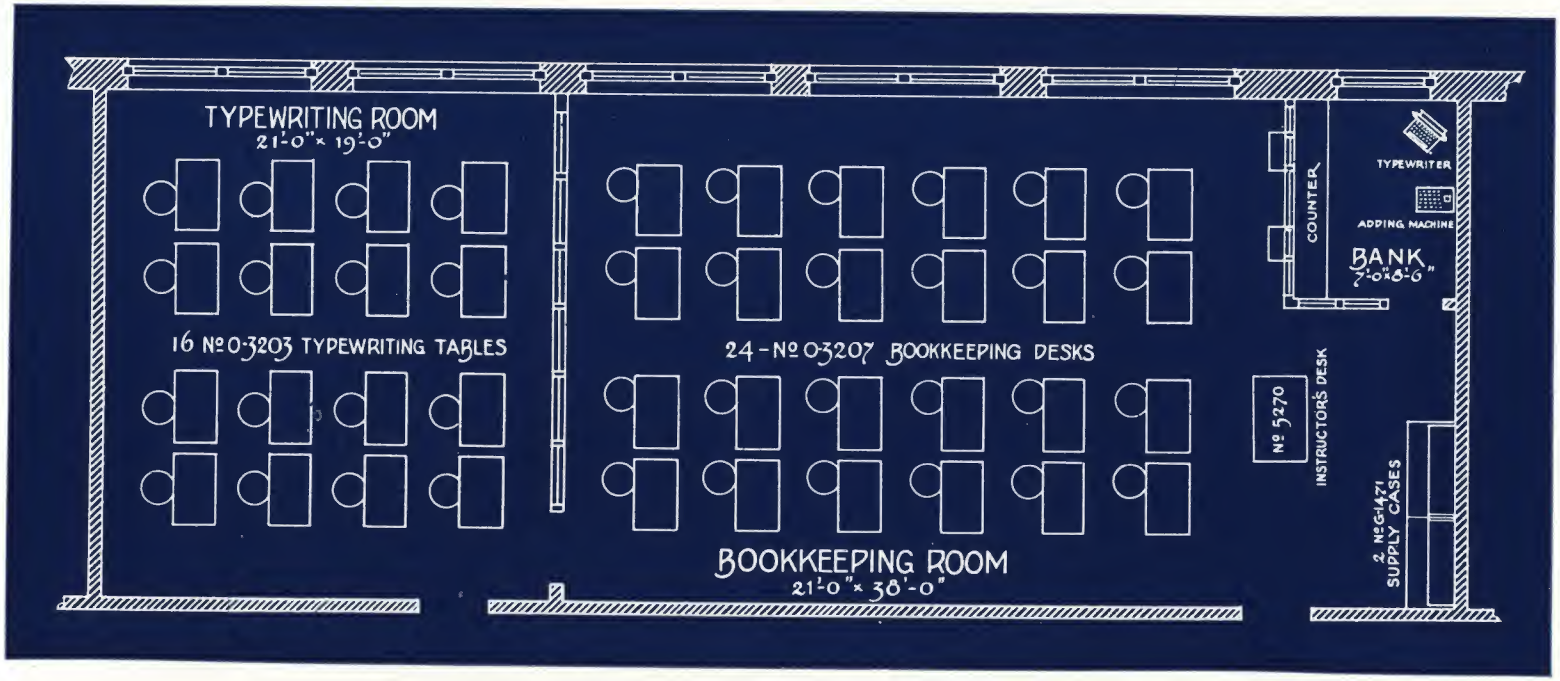
The Kewaunee typewriting and bookkeeping furniture presented in this section, is not only extremely well built, but is correctly designed to provide the utmost in comfortable use.

There is no comparison between the construction used in Kewaunee commercial furniture and the construction used in the ordinary inexpensive office furniture sometimes sold for school use.

The same high standards of workmanship, and the same details of construction that have made Kewaunee Laboratory Furniture the standard wherever good laboratory furniture is considered, are embodied in the line of Kewaunee Commercial Furniture for Typewriting and Bookkeeping departments in schools.



BOOKKEEPING ROOM
BOLTON HIGH SCHOOL, ALEXANDRIA, LA.



TYPEWRITING AND BOOKKEEPING PLAN A

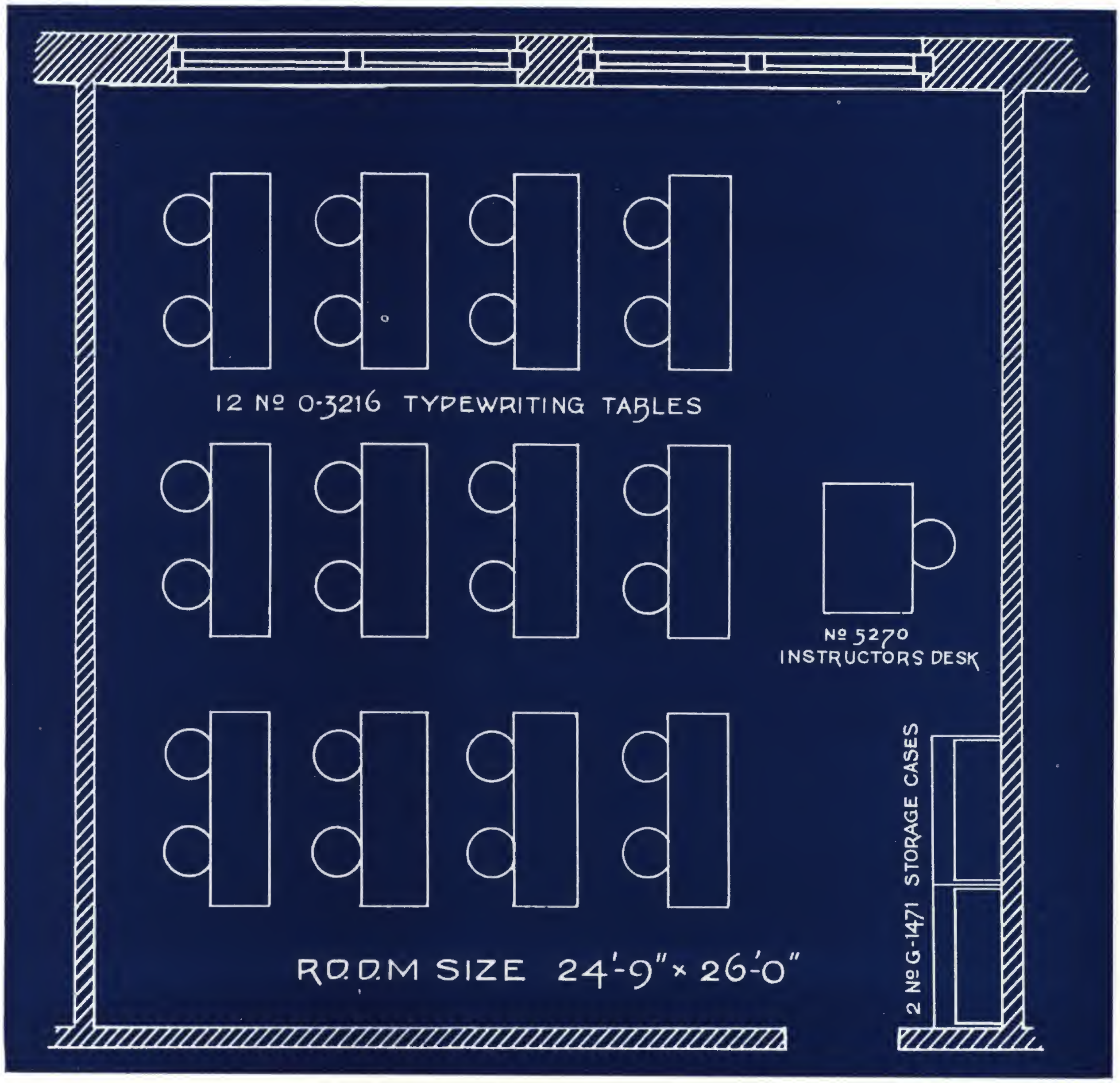
Floor plan layout A illustrates a complete high school commercial department, accommodated in two adjoining rooms. Twenty-four bookkeeping tables accommodate sections of 24 bookkeeping students, and 16 typewriting tables accommodate sections of 16 typewriting students. A small banking department is built into one corner of the bookkeeping room providing space for a comptometer and adding machine, and provides a counter and teller's windows behind bank grilles. The complete furniture equipment included is as follows:

Bookkeeping Room:

24 No. O-3207 Bookkeeping Tables.
1 Instructor's Table.
2 No. G-1471 Supply Cases.

Typewriting Room:

16 No. O-3203 Typewriting Tables.

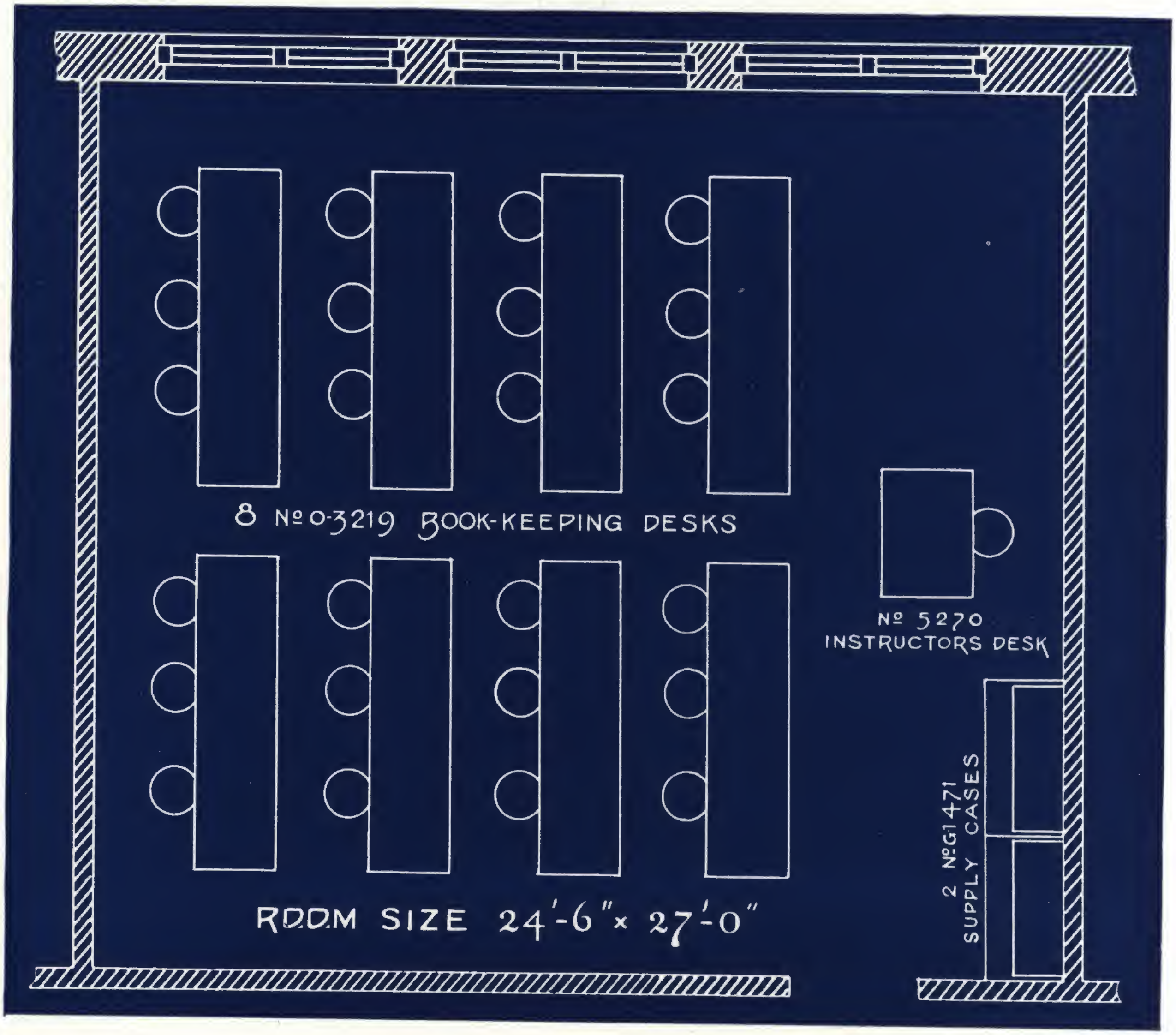


12 Nº O-3216 TYPEWRITING TABLES
Nº 5270
INSTRUCTORS DESK
2 Nº G-1471 STORAGE CASES
ROOM SIZE 24'-9" × 26'-0"

TYPEWRITING ROOM PLAN B

Twenty-four students are accommodated at one time in the typewriting room shown in plan B. The No. O-3216 typing table used in this layout provides six private pedestal drawers which accommodate three sections of students with a drawer sufficiently large to take stationary and all personal property commonly stored in the typing table. Two drawers in rail provide storage space for typewriting ribbons and other miscellaneous items used by all students. A large writing tablet is provided at each students working space. This typing table stands on eight legs, and is extremely rigid. The complete equipment included in floor plan B is as follows:

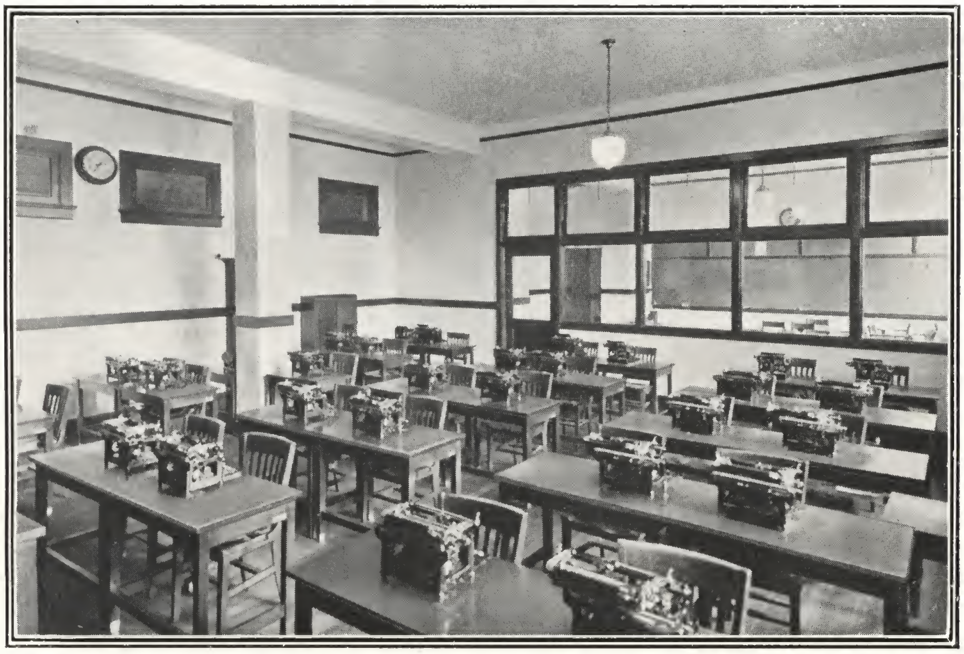
12 No. O-3216 Typewriting Tables.
1 No. 5270 Instructor's Table.
2 No. G-1471 Storage Cases.



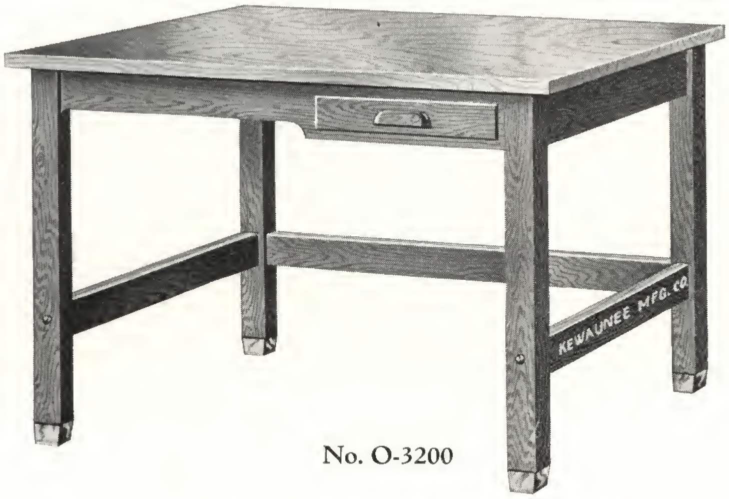
BOOKKEEPING ROOM PLAN C

A three-student six-section bookkeeping table is used in bookkeeping room plan C. Twenty-four students are accommodated at one time in this bookkeeping room, and the tables provide private locked drawers for six sections of students. In addition a large drawer is provided at each student's working space to take articles of supplies and equipment used commonly by all students. The use of this type of table conserves aisle space, and allows the largest possible number of pupils to be accommodated in the room. The complete list of equipment shown is as follows:

8 No. O-3219 Bookkeeping Tables.
1 No. 5270 Instructor's Table.
2 No. G-1471 Supply Cases.



TYPING ROOM
BOLTON HIGH SCHOOL, ALEXANDRIA, LA.



No. O-3200

No. O-3200 TYPEWRITING TABLE

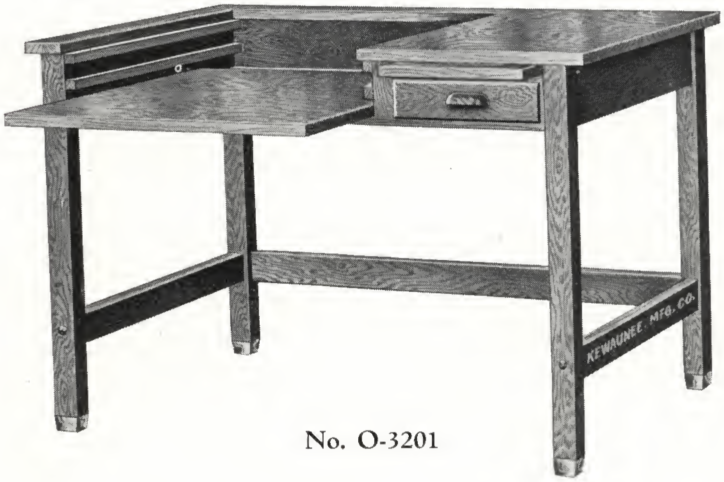
This Typewriting Table is provided with a top 34 in. long by 20 in. wide, and has one drawer in rail. The front rail is cut out to provide knee space, and the table is braced with three leg stretchers securely mortised, tenoned and bolted. The body of the table is solid selected white oak, and the top is selected white oak finished to match the table.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	34 in.	20 in.	27 in.	
Drawer		9 in.	1¾ in.	12 in.

Construction—Body and top built of selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated, No. O-3200, 90 lbs.

No. O-3200 —Typewriting Table, wood top.
No. O-3200A—Typewriting Table, Kemco Inlaid Linoleum top 1⅛ in. thick.



No. O-3201

No. O-3201
TYPEWRITING CASE

This Typewriting Table provides three adjustments of the typewriting board which allows the typewriter to be raised or lowered three inches in height. A writing tablet and one drawer are provided in rail as shown, and the table is securely braced with three leg stretchers which are mortised, tenoned and bolted to legs. The table presents a very attractive appearance and is very rigid.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	36 in.	22 in.	31 in.	
Drawer		9 in.	2¾ in.	14¾ in.

Construction—Body and top built of selected white oak.

Finish—No. 1 or No. 2 Oak.

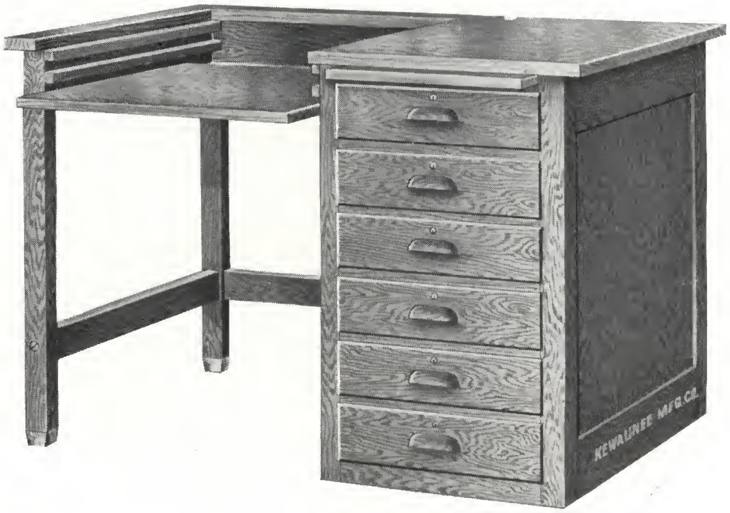
Weight crated, No. O-3201, 120 lbs.

No. O-3201—Typewriting Table, wood top.

No. O-3202—Typewriting Table, Kemco Inlaid Linoleum Top, 1⅛ in. thick.

No. O-3203
TYPEWRITING TABLE

Six pedestal drawers are provided in this Typewriting Table, and offer private locked drawer space to six sections of students. The table has the same adjustable feature shown in No. O-3201 above.



No. O-3203

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	36 in.	22 in.	31 in.	
6 drawers		9 in.	2¾ in.	14¾ in.

Construction—Body and top built of selected white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated, No. O-3203, 160 lbs.

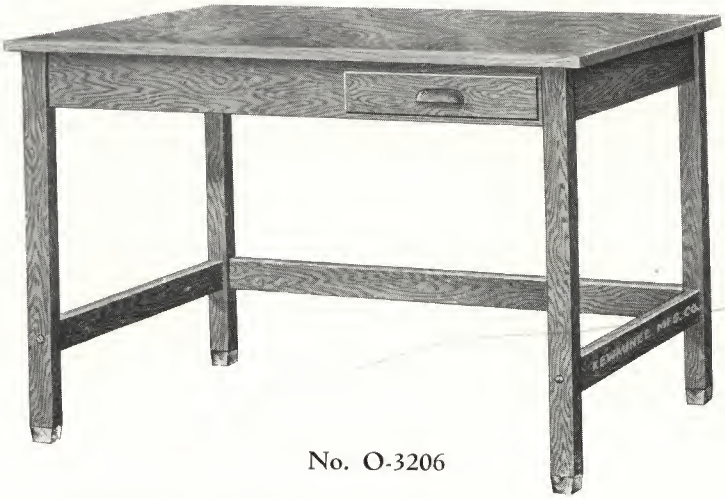
No. O-3203—Typewriting Table, masterkeyed locks, wood top.

No. O-3204—Typewriting Table, without locks, wood top.

No. O-3205—Typewriting Table, masterkeyed locks, Kemco Inlaid Linoleum Top, 1⅛ in. thick.

No. O-3206
BOOKKEEPING TABLE

This practical, inexpensive Bookkeeping Table is very strongly built and provides one drawer in rail. The table is furnished with wood or Kemco Inlaid Linoleum Top as required.



No. O-3206

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	36 in.	22 in.	31 in.	
Drawer		10½ in.	2¾ in.	14¾ in.

Construction—Body and top built of selected white oak.

Finish—No. 1 or No. 2 Oak.

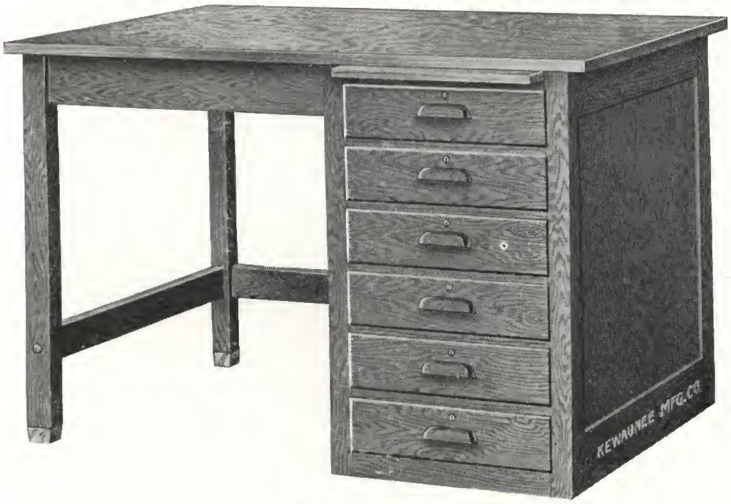
Weight crated, No. O-3206, 100 lbs.

No. O-3206 —Bookkeeping Table, wood top.

No. O-3206A—Bookkeeping Table, Kemco Inlaid Linoleum Top, 1⅛ in. thick.

No. O-3207
BOOKKEEPING TABLE

This Bookkeeping Table provides six sections of students with a private locked pedestal drawer, and has a large writing tablet at right end. The top can be furnished in wood or Kemco Inlaid Linoleum as desired.



No. O-3207

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	36 in.	22 in.	31 in.	
6 drawers		9½ in.	2¾ in.	14¾ in.

Construction—Body and top built of selected white oak.

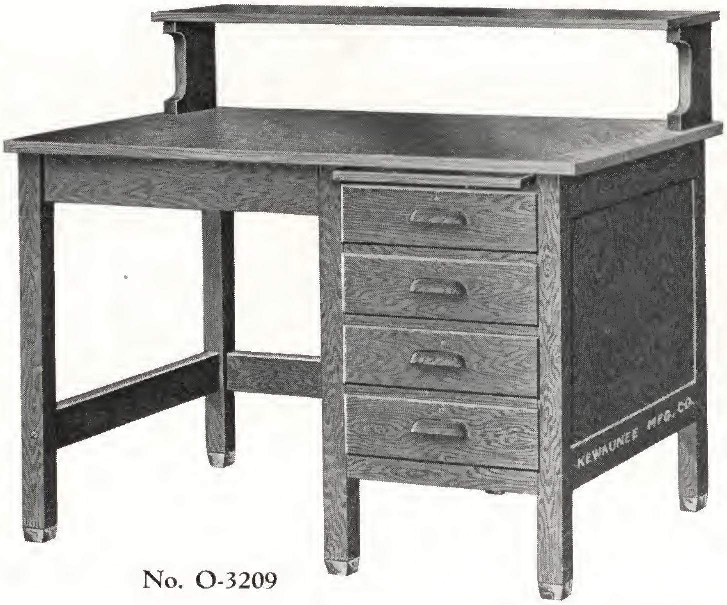
Finish—No. 1 or No. 2 Oak.

Weight crated, No. O-3207, 150 lbs.

No. O-3207 —Bookkeeping Table, masterkeyed locks, wood top.

No. O-3207A—Bookkeeping Table, without locks, wood top.

No. O-3208 —Bookkeeping Table, masterkeyed locks, Kemco Inlaid Linoleum Top, 1⅛ in. thick.



No. O-3209

No. O-3209
BOOKKEEPING TABLE

A substantially constructed book rack is provided on this bookkeeping table, and four drawers and a large writing tablet are furnished in the pedestal. The table can be furnished with pedestal in left end instead of right end as shown, if desired. Tops are regularly provided in either wood or Kemco Inlaid Linoleum.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	36 in.	22 in.	31 in.	
4 drawers		9½ in.	3⅛ in.	14¾ in.
Book rack	36 in.	6 in.	9 in.	

Construction—Body and top built of selected white oak.

Finish—No. 1 or No. 2 Oak.

Weight crated, No. O-3209, 150 lbs.

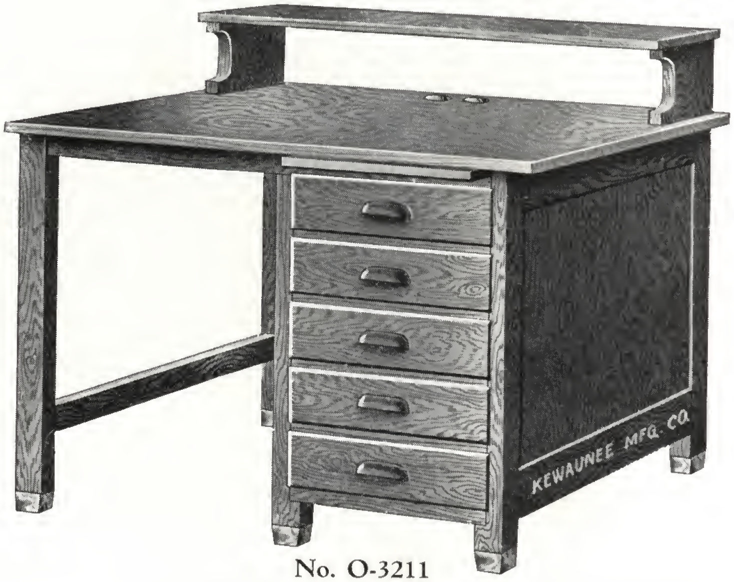
No. O-3209 —Bookkeeping Table, masterkeyed locks, wood top.

No. O-3209A—Bookkeeping Table, masterkeyed locks, Kemco Inlaid Linoleum Top.

No. O-3210 —Bookkeeping Table, without locks, wood top.

No. O-3211
BOOKKEEPING TABLE

This table is identical with No. O-3209 illustrated above, except that five drawers are provided in the pedestal, and one additional section of students is accommodated. Two inkwells, one for red and one for black ink are provided.



No. O-3211

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	36 in.	22 in.	31 in.	
5 drawers		9½ in.	3⅛ in.	14¾ in.
Book rack	36 in.	6 in.	6 in.	

Construction—Body and top built of selected white oak.

Finish—No. 1 or No. 2 Oak.

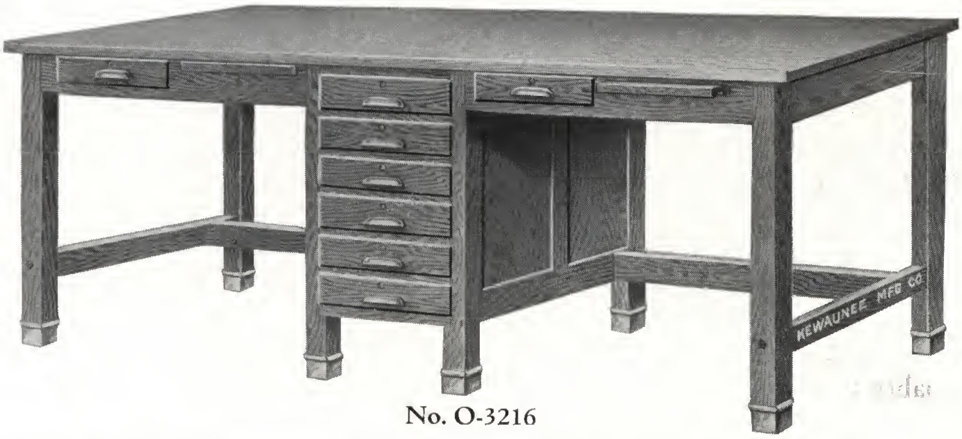
Fixtures—2 inkwells for red and black ink.

Weight crated, No. O-3211, 160 lbs.

No. O-3211 —Bookkeeping Table, without locks, wood top.

No. O-3211A—Bookkeeping Table, masterkeyed locks, wood top.

No. O-3212 —Bookkeeping Table, masterkeyed locks, Kemco Inlaid Linoleum Top.



No. O-3216

No. O-3216 SHORTHAND AND TYPEWRITING TABLE

This very attractive two-student Typewriting Table is provided with six private drawers in pedestal, and accommodates three sections of students. A common drawer and a large writing tablet are provided in the rail of the table at each student's working space. Eight legs braced with heavy stretchers make this table very rigid. The two-student table is economical both in cost and in floor space, and this Typewriting Table is very popular where private drawers are to be provided for up to three sections of students.

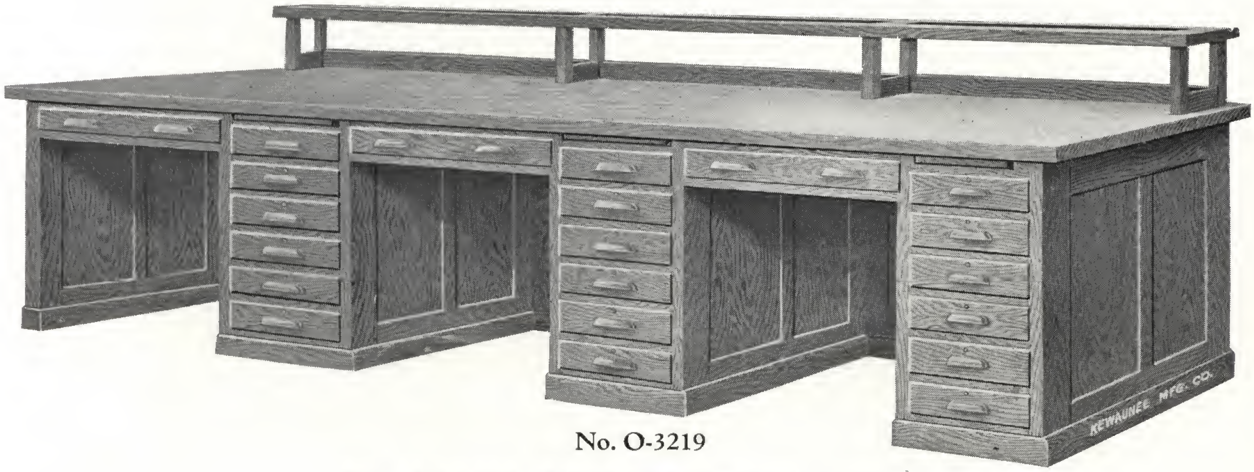
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	5 ft. 4 in.	20 in.	26 in.	
6 drawers		9½ in.	2 in.	13½ in.
2 drawers		8 in.	1½ in.	13½ in.

Construction—Body and top built of selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated, No. O-3216, 210 lbs.

No. O-3216—With masterkeyed locks on pedestal drawers, with wood top.

No. O-3217—With masterkeyed locks on pedestal drawers, with Kemco Inlaid Linoleum Top 1⅛ in. thick.



No. O-3219

No. O-3219 BOOKKEEPING DESK

This three-student Bookkeeping Table accommodates six sections of students with private locked drawers, and provides one very large common drawer in rail at each students working space. A large writing tablet is provided above each top pedestal drawer. A heavily constructed book rack and retaining rim are provided at back of the table. The recesses are fully enclosed in the rear and end as shown. This Bookkeeping Table is extremely well built, and the Bookkeeping room equipped with this table presents a very attractive appearance in addition to providing every convenience for the Bookkeeping student.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	8 ft. 8 in.	27 in.	30 in.	
3 Drawers		20 in.	2¼ in.	19 in.
18 Drawers		11 in.	2¾ in.	19 in.

Construction—Body and top built of selected white oak.
Finish—No. 1 or No. 2 Oak.
Weight crated, No. O-3219, 780 lbs.

No. O-3219—With masterkeyed locks on pedestal drawers, with wood top.

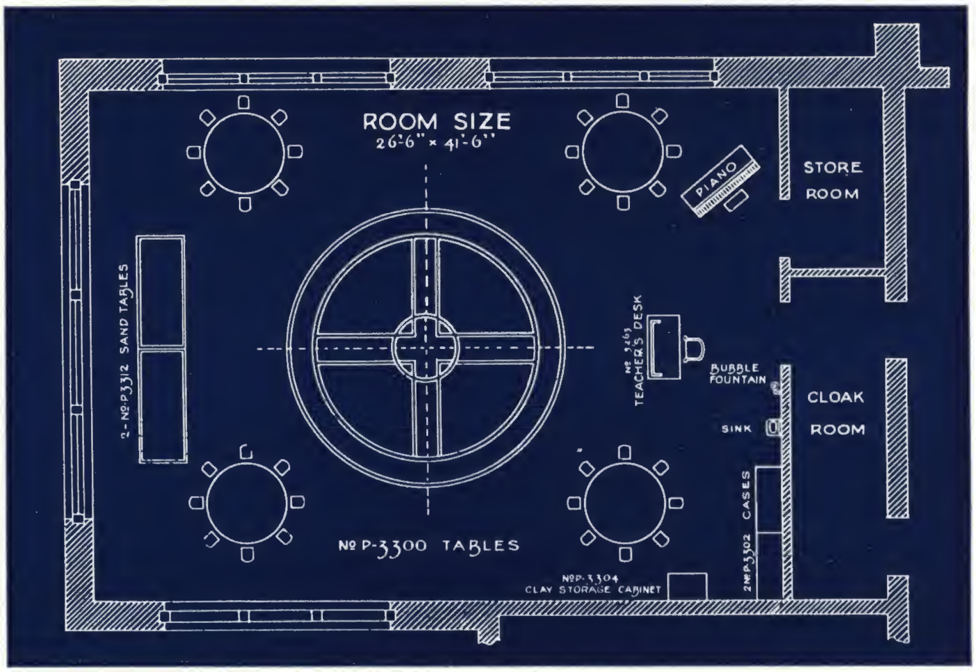
No. O-3220—With masterkeyed locks on pedestal drawers, with Kemco Inlaid Linoleum top 1⅛ in. thick.

KINDERGARTEN FURNITURE

Two very complete plans for equipping Kindergartens are presented in this section of the Kewaunee Blue Book, and the tables, the Kindergarten Supply Case, the Clay Storage Box and a Sand Table complete the Kindergarten equipment shown.

Kewaunee furniture for the Kindergarten is built with the same care and the same careful selection of materials that is used in the construction of all Kewaunee furniture. The resulting product fully demonstrates the quality of the workmanship and material built into the furniture.

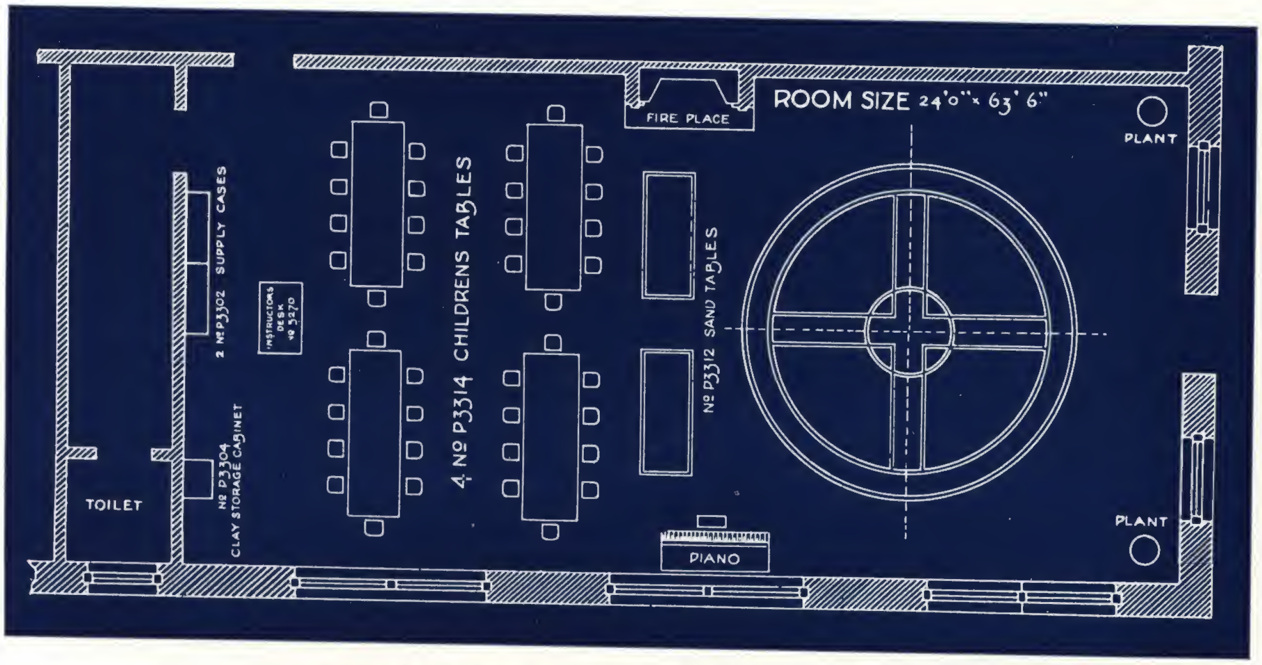
A wide selection of table sizes is afforded, and seating for the Kindergarten is shown at the bottom of page 236.



KINDERGARTEN ROOM PLAN A

Thirty-two children are accommodated at four round Kindergarten tables in the model Kindergarten layout shown in Plan A. The complete equipment included is as follows:

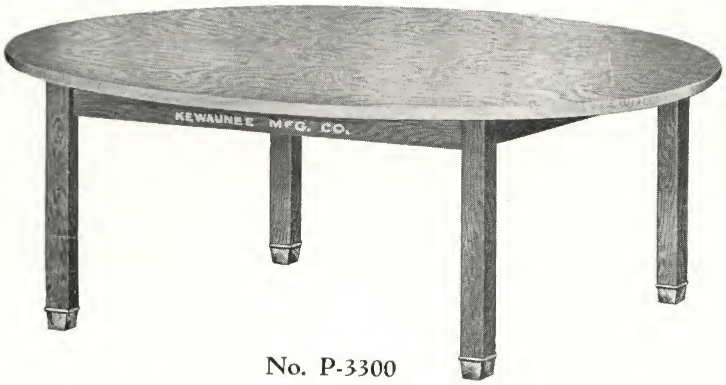
4	No. P-3300	Kindergarten Tables.
2	No. P-3312	Sand Tables.
1	No. P-3304	Clay Storage Box.
1	Instructor's	Table.
2	No. P-3302	Supply Cases.



KINDERGARTEN ROOM PLAN B

Forty children are accommodated at four rectangular tables in Kindergarten room plan B shown above. This layout adequately meets the needs of the larger grade schools, and provides every desired convenience for the Kindergarten. The complete list of equipment included is as follows:

4 No. P-3314 Kindergarten Tables.
1 Instructor's Table.
2 No. P-3302 Supply Cases.
1 No. P-3304 Clay Storage Box.
2 No. P-3312 Sand Tables.



No. P-3300

No. P-3300 ROUND KINDERGARTEN TABLE

This table is furnished in two sizes designed to accommodate respectively eight students and six students. The top is selected oak finished in natural finish, and the table body is built up of solid selected oak and is finished No. 1 or No. 2 Oak.

Weight crated, No. P-3300, 170 lbs.
No. P-3300—Kindergarten Table, top 60 in. in diameter.
No. P-3301—Kindergarten Table, top 48 in. in diameter.

No. P-3302
KINDERGARTEN SUPPLY CASE

A very handsome case for the storage of the many things used for work or diversion in the Kindergarten. Case sets eight inches from the floor, and is so designed that the upper and lower sections both are well spaced, and the top shelves within easy reach. The lower section has one fixed and the upper section, five adjustable drawers.

SPECIFICATIONS

	Width	Height	Depth
Overall	44 in.	6 ft. 3 in.	20 in.

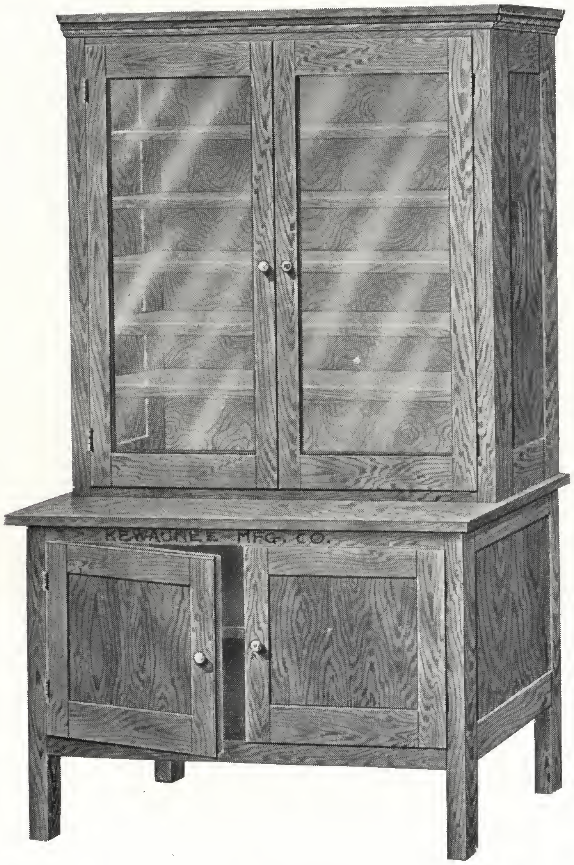
Construction—Exterior, selected white oak; doors glazed with double strength glass.

Finish—No. 1 or No. 2 Oak.

Weight crated, No. P-3302, 350 lbs.

No. P-3302—Kindergarten Supply Case, without locks.

No. P-3303—Kindergarten Supply Case, locks on all doors.



No. P-3302

No. P-3304 CLAY STORAGE BOX

Clay, frequently secured from remote sections of the country at considerable cost, is hard to keep at the proper working consistency unless well stored. The general dimensions of our Clay Box with its zinc lining permits but very little moisture evaporation, and consequently, will keep clay in its proper state indefinitely.

SPECIFICATIONS

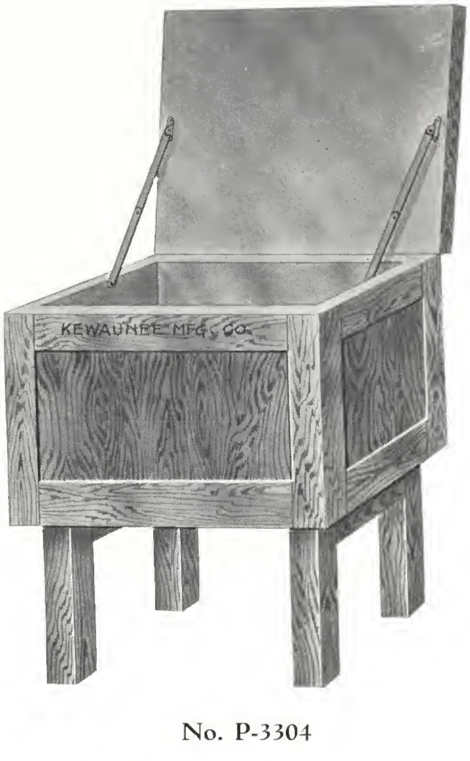
	Length	Width	Height
Overall	25 in.	18½ in.	30 in.

Construction—Selected white oak; box lined with zinc.

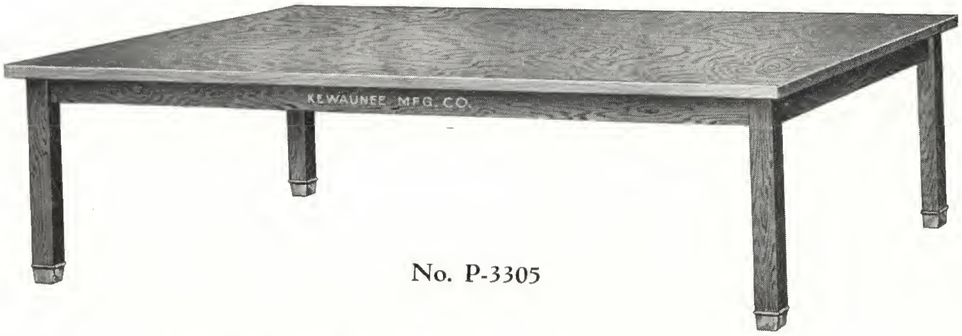
Finish—No. 1 or No. 2 Oak.

Weight crated, No. P-3304, 135 lbs.

No. P-3304—Clay Storage Box.



No. P-3304

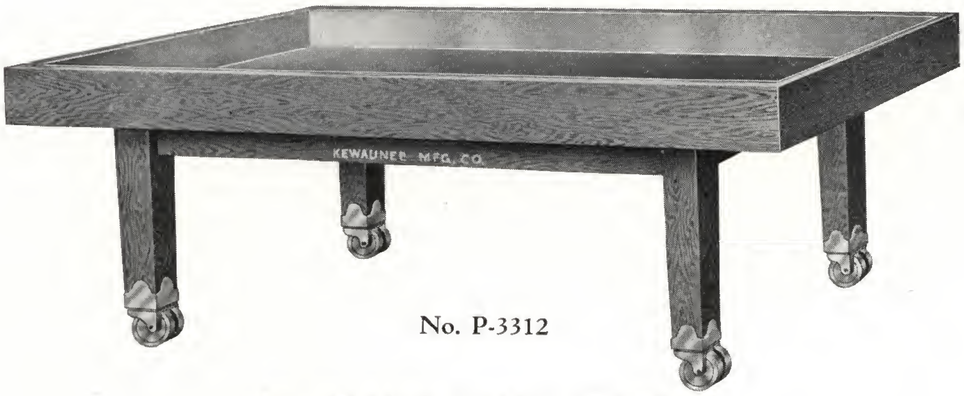


No. P-3305

No. P-3305 KINDERGARTEN TABLE

This very rigidly built, solid oak Kindergarten Table is provided in six different lengths and seven different heights. The top is selected white oak, and the frame embodies the regular Kewaunee heavy table construction. In ordering, specify table height required. Tables are regularly furnished in the following heights, 18 in., 19 in., 20 in., 21 in., 22 in., 23 in., and 24 in.

	Weight Crated.
No. P-3305—Kindergarten Table, 5 ft. long x 30 in. wide x height desired.	120 lbs.
No. P-3306—Kindergarten Table, 6 ft. long x 30 in. wide x height desired.	130 lbs.
No. P-3307—Kindergarten Table, 7 ft. long x 30 in. wide x height desired.	150 lbs.
No. P-3308—Kindergarten Table, 8 ft. long x 30 in. wide x height desired.	170 lbs.
No. P-3309—Kindergarten Table, 9 ft. long x 30 in. wide x height desired.	190 lbs.
No. P-3310—Kindergarten Table, 10 ft. long x 30 in. wide x height desired.	210 lbs.



No. P-3312

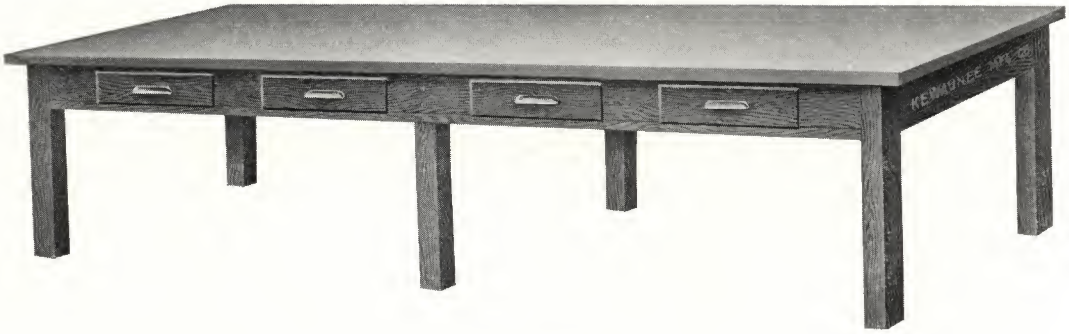
No. P-3312 SAND TABLE

This Sand Table is furnished with interior of box painted gray, or lined with zinc as desired. The sand box is supported on a very rigid table frame, which in turn, is mounted on four heavy bronze swivel socket casters with 2 inch double rollers. The table may be moved readily from place to place, and is very rigidly built to carry heavy loads of sand.

SPECIFICATIONS

	Length	Width	Height
Overall	6 ft.	30 in.	24 in.

Construction—Selected white oak.
Finish—No. 1 or No. 2 Oak; inside of box painted with gray lead paint.
Weight crated, No. P-3312, 175 lbs.
No. P-3312—Sand Table, Box finished with gray lead paint.
No. P-3313—Sand Table, Box lined with heavy zinc.



No. P-3314

No. P-3314 KINDERGARTEN TABLE

This Kindergarten Table is furnished in seven different heights ranging from 18 in. to 24 in., and in lengths ranging from 5 ft. to 10 ft. Eight drawers are provided in the rail as shown, and accommodate a great many items of apparatus and supplies used by the Kindergarten children. The table is very rigidly built, and the construction of the table base embodies the regular Kewaunee table construction practices. The top is of birch finished natural, and the table base is finished No. 1 or No. 2 Oak. In ordering, specify height required.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	8 ft.	30 in.	24 in.	
8 drawers		10 in.	3 in.	12½ in.

		Weight Crated
No. P-3314—Kindergarten Table,	8 ft. long.	240 lbs.
No. P-3315—Kindergarten Table,	9 ft. long.	265 lbs.
No. P-3316—Kindergarten Table,	10 ft. long.	290 lbs.
No. P-3317—Kindergarten Table,	5 ft. long.	180 lbs.
No. P-3318—Kindergarten Table,	6 ft. long.	200 lbs.
No. P-3319—Kindergarten Table,	7 ft. long.	220 lbs.

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Wisconsin Cuneo Press, Inc.
Milwaukee